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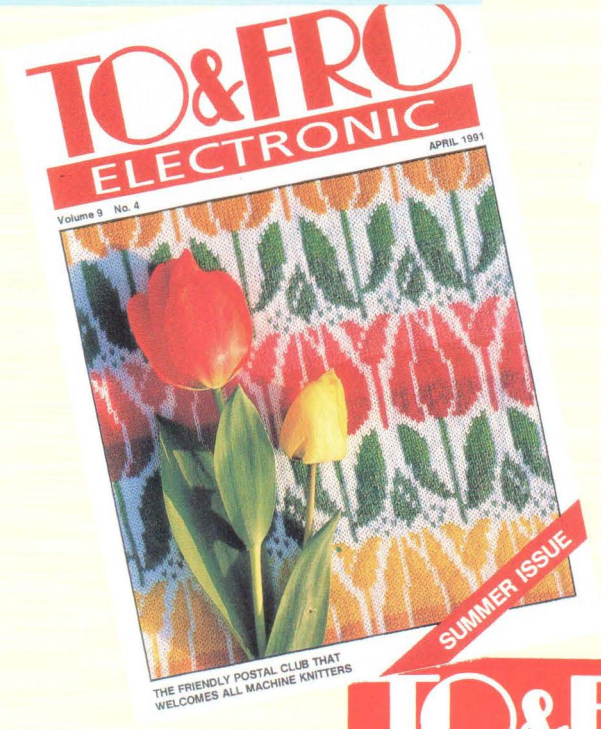

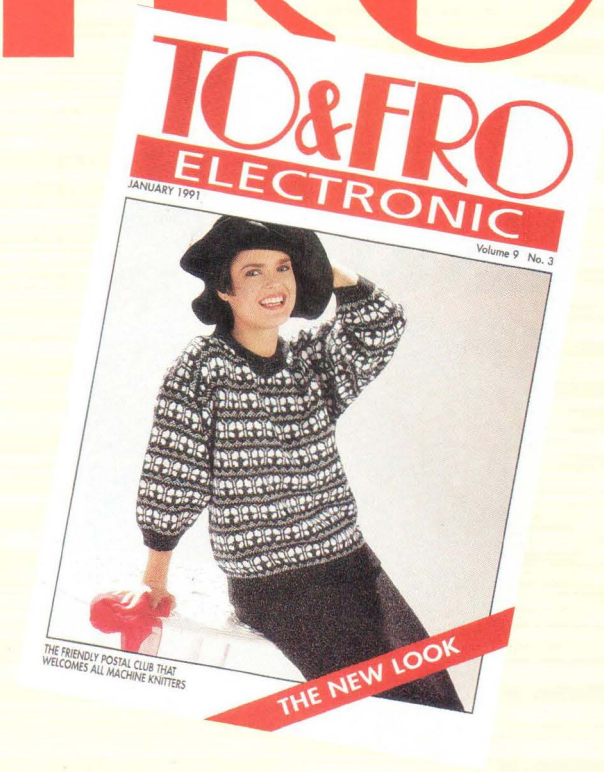

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CONTENTS

Editorial

Abbreviations *Page 57*

Classified Section *Page 58*

Competition Result *Page 51*

Finishing Touch *Page 11*

Free Advertising Form *Page 61*

How to work from a diagram pattern *Page 56*

Intarsia – Popeye *Page 14*

Knitline *Page 4*

Letters, Hints & Tips *Page 30*

Popular Pets – Gerbils *Page 6*

The Swatch Spot *Page 52*

Twisted Stitches Technique *Page 21*

Yarns used in the patterns *Page 57*

Patterns

1. **Pink Twisted Stitches Sweater** *Page 22*
(6.5 mm Gauge Machines)

2. **Peruvian Sweater & Hat** *Page 27*
(Standard Gauge Machines)

3. **Ladies Bright Fair Isle Sweater** *Page 35*
(Standard Gauge Machines)

4. **Toddlers Bright Fair Isle Sweater & Hat** *Page 37*
(Standard Gauge Machines)

5. **Ladies Folklore Sweater** *Page 40*
(Standard Gauge Machines)

6. **Toddlers Folklore Sweater** *Page 43*
(Standard Gauge Machines)

7. **Fair Isle Chenille Sweater** *Page 46*
(Standard Gauge Machines)

8. **Hat Collection** *Page 48*
(Standard Gauge Machines)

Modern Machine Knitting is published monthly by Modern Knitting Ltd, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR
Photoset and printed by **Redwood Press Ltd.**
Distributed by **Seymour.**

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ISSN No. 0957-6673.
Printed in England.

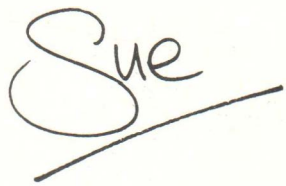
FROM THE EDITOR

To brighten up these wintery days knit yourself a sweater in some super shades of red and pink for a really warm and cheerful feel. You will find our selection of designs perfect for 'après ski' if you are one of the lucky ones off on a winter trip. To cater for all skills we have included a variety of techniques from all-over Fair Isle for maximum colour effect, through to embroidered and Intarsia motifs to add that touch of designer style to this month's knitwear. Don't forget the little ones – two of our adult designs have been knitted up in toddler sizes and there are some fun hats too. Some of our new readers have found our diagram pattern format difficult to follow so we have introduced some of our written instructions in a slightly different style as an experiment to find out which you all prefer. Your comments would be most helpful.

This month we start a series of exclusive Intarsia designs from Gary Kennedy (INTARSIA UK) and the first is 'Popeye', that well loved and familiar cartoon character. Over the last few years Gary has successfully transformed a great collection of popular cartoon characters, animals and themes into charted format for knitwear. Modern Knitting readers will be able to take advantage of Gary's special offer coupon in this issue which provides the opportunity of obtaining his design booklets at discount prices.

Jo Newton's Gerbils complete our 'Popular Pets' collection this month. We'd like to thank Jo for this delightful and expremely 'popular' series. Don't worry if you have missed a pet – we have included a list of all designs and the issues in which they appeared.

See you next month with more new features, designs and knitting ideas.



SUE WATSON

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Our Fax number is (0628) 777335.

KNITLINE

Wire Loop Hanger

The '**All in one Wire Loop Hanger**' is a new accessory from P.D.B. Engineering Ltd. As its name suggests, the hook and weight are combined into one unit which saves the cost of buying each piece separately. The length of the weight makes the accessory very easy to hang and therefore useful for anyone who suffers from any disability which could make this knitting procedure difficult. The Wire Loop Hangers are sold in pairs for £4.70 plus £1.35 p&p from:

P.D.B. Engineering Ltd
51/53 Robert Street
Northampton

Jacpacs

If you have been longing to try double jacquard but never quite managed to take the plunge, there is a useful booklet available which takes you through the basics to get you started on your first garment. '**A Beginner's Guide to Double Jacquard Knitting**' is written by Yvonne Knapman of '**JACPACS**', and contains instructions for knitting double jacquard plus clear and helpful notes on how to convert a Fair Isle design for this technique. Two basic garment patterns are added as well as a small selection of simple pattern designs – all for only £3.50!

Yvonne will be well known to many of you who pay regular visits to knitting shows – she always has a superb selection of double jacquard designs on display! A recent addition to her range is a collection of designs suitable for 2 to 10 year olds entitled 'Junior Jacpacs', again for £3.50. Anyone who is interested in '**Junior Jacpacs**', 'The Beginner's Guide to Double Jacquard' (or more information about Yvonne's pattern sets) should write to the following address:

JACPACS
19 South Road
Portishead
Bristol BS20 9DU

Winter White

Mix pure new wool in white with traditional and textured stitch patterns for this season's fashionable alternative to the brighter tones in knitwear. The shape is big and comfortable to suit all figures, yet stylish enough to team up with a variety of separates for your own special look. Wear it with jeans, ski pants or casual trousers, or even on its own with leggings or thick tights to recreate that 'leggy' look endorsed by top designers this year!

Jo's companions

The latest collection of designs from Jo Newton, in her new book '**Jo's Companions**', features eight delightful animal motifs for electronic/Intarsia machine knitters. Choose from Alsation with pup, Westie, Border Collie, Jack Russell and Boxer dog, playful kittens (two designs) or horse's head – all designs are based by arrangement on the beautiful pictures of well known Animal and Wildlife Artist Pollyanna Pickering whose work in this field is centred around her home in the Peak district.

Jo is renowned for her ability to capture and reproduce in knitted form, the true characteristics of a variety of animals – her series *'Knitting From Nature'*, *'The Farmyard Collection'* and *'Popular Pets'*, which she has produced on a regular basis for 'Modern Machine Knitting' readers, have all been highly successful and the delightful designs in '**Jo's Companions**' should prove to be another winner. None of these latest designs have been published before.

The format of the booklet consists of clear black and white grids, each of which have been printed in the correct size for ease of transfer on to the electronic design sheets, whilst Intarsia or hand knitters could easily follow the appropriate motifs by counting the stitches. All designs include helpful explanations and suggestions and you can see them knitted in full colour on the front and back cover. '**Jo's Companions**' costs £2.95 plus 25p p&p. For this and further information on Jo's other design books, please write to the following address:

Jo Newton
Barrowby Old Hall
Grantham
Lincs NG32 1BX

New Courses

New City & Guilds courses to cover both hand and machine knitting have just started at Weymouth College, Newstead Road, Weymouth, Dorset. '**Creative Studies Hand Knitting**' and '**Creative Studies Machine Knitting**' are to take place on alternate Mondays from 9.30am to 3.30pm.

There is also a City & Guilds '**Creative Studies Machine Knitting**' for Passap/Pfaff knitters only at Kingston Maurward Agricultural College, Dorchester, Dorset. Further details from the college or course tutor Angela Gordon on 0929 551073. Angela is also holding a one day course on '**Knitwear Design by Computer**' – this is an introductory course for anyone interested in using a computer design package. Each student will work on an IBM compatible PC with DesignaKnit 4. This course would also be of interest to those who are considering buying the design package as it will provide the opportunity to try it out first.

'**Unravel the Mysteries of Machine Knitted stitches**' is a new course on offer from Joanna Nelson. Starting this month at the New Milton Adult Education Centre, the course should appeal to a wide range of machine knitting ability as Joanna will study a different stitch each week – Fair Isle, slip, tuck, knitweave and lace – and take it from the basics through to the more intricate or complicated. This short course lasts for five weeks and the two hour sessions take place on Monday mornings. Joanna will be pleased to give you further details on 0425 638087.

Design Accessories

Two new design boards are now available from the manufacturers of the MACHINE KNITTER'S DESIGN BOARD. The '**Knitter's Handy Design Board**' is a smaller version of the existing Board. The double-sided surfaces are made of wipe-clean plastic and measure approximately 12 × 8 inches. One side has a 60 stitch by 150 row mylar sheet grid whilst the other side has a proportioned graph of 64 stitches by 140 rows, ideal for designing Intarsia charts for chunky machines, for hand knitting and for designing 24 stitch punchcards. Designs may be drawn freehand or traced through carbon paper from existing drawings or pictures. This board would make a useful addition for owners of the original, single-sided Design Board who want to design mylar patterns for the Brother/Knitmaster electronics.

The '**Mini Design Board**' (same size, double-sided with wipe-clean surfaces) is specifically for European electronic machine owners. On one side there is the 40 × 64 squared graph for Passap/Pfaff 6000E, while the other side has the 60 × 78 squared graph for the

KNITLINE

Singer System 2331, 2310 and Freestyle 1 machines. Both sides of this board are also suitable for designing embroidery.

Each Board is supplied with instructions and one water-soluble felt tip pen and costs £7 plus £1 p&p.

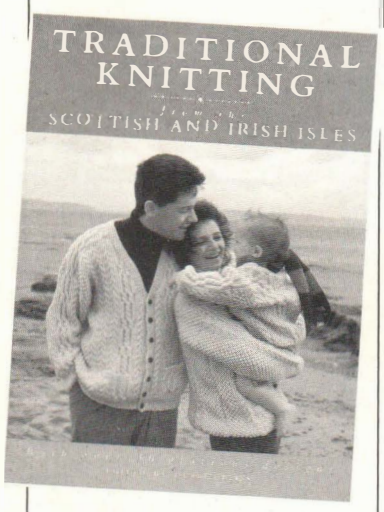
The Machine Knitters Company who manufacture these Design Boards have also produced an **adjustable metal stand** which can be clamped to a table or work surface. The stand can be placed behind the yarn brake or to one side of the knitting machine – wherever it is easiest to see the chart – and can be used for both single and double-sided Boards as well as for books and magazines. The adjustable stand costs £8.95 plus £1.55 p&p.

For further information on these products and mail order details contact:

The Machine Knitter's Company
P.O. Box 10
Cowbridge
South Glamorgan CF7 7YY

Traditional Knitting

Debbie Bliss's latest collection of designer hand knitting patterns takes inspiration from the Scottish and Irish Isles. The fascinating histories and the development of the crafts and knitting styles of these islands have been handed down through the generations. Debbie has captured a genuine feel for these 'traditions' in her beautiful range of designs which include chunky Aran sweaters, richly patterned Fair Isles in a mixture of subtle colour combinations, delicate Shetland lace shawls and sturdy ganseys. **'Traditional Knitting'** has over thirty patterns for family knitting, all illustrated in full colour with details of traditional stitches and motifs. The book costs £16.99 and is published by Ebury Press.



Cotton Collection

Delightful florals, classic textures, fascinating birds and beasts, sporty geometrics – all are featured in **'Sue Bradley's Cotton Collection'** – twenty easy-to-knit but stylish designs in double knitting and chunky weight cotton yarns. Instructions are for hand knitting but machine knitters should find inspiration from the colourful Fair Isle patterns and motifs. Published by Blandford this book is now available in paperback from good bookshops for £8.95.

Knitwear Day

For those living in the Rochester area, a date for your diaries is Sunday 15th March when the Medway Adult Education Centre will be holding a **'Knitwear Day'** to include lectures, workshops, master classes and fashion shows. Speakers include John Allen and Angela Gordon.

The venue is at Eastgate, Rochester and entry is by ticket only – the fully inclusive price, to include entrance, fashion show and lectures is £5 per ticket or just £3 if you prefer to wander round the stands and watch the fashion show only. To obtain your tickets please contact Wendy Damon on 0634 221629 or Rosemary Hills on 0634 387979.

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Australia – Tanunda Woolcraft, 1776 Murray Street, Tanunda, South Australia 5352.
Holland – Projeko, Raamsingel 30, 2012 DT, Haarlem.

POPULAR PETS

(Part 12)

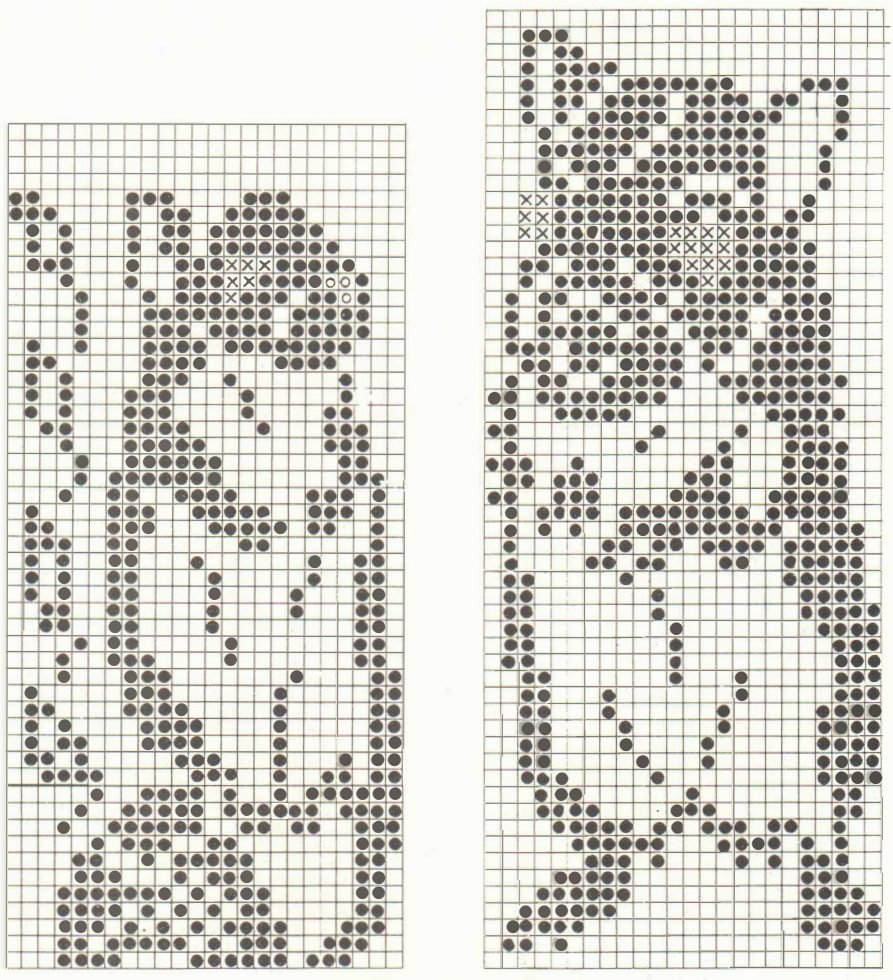
By Jo Newton

For the last eleven months, our Popular Pets feature has provided you with some delightful motifs – for both electronics and punchcard machines. These delightful Gerbils complete the Collection. If you have missed any pet in this series, please refer to the list at the end of the feature for the relevant back issue.

GERBILS

Alert and gentle Gerbils are extremely popular and make very successful pets where space is at a premium. This month's designs illustrate some of the typical poses of these inquisitive little rodents and can be used together or separately to please the most ardent Gerbil fan.

The large Electronic/Intarsia picture could be worked on the front of a jumper with the repeating 24 stitch pattern above the welt and on the sleeves. Punchcard machine owners can use the larger 24 stitch motif in the same way, complemented by the repeating design, which could also be used singly if desired. In the latter motif the nose has been Swiss darned in pink, and in all of the designs, the large, rather prominent eyes are worked in black. The long whiskers, which are an essential characteristic, are embroidered in cotton to complement the pictures.



Key:
x = Swiss darn in Black
● = Swiss darn in Pink

Punchcard Charts

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PATTERN NOTE:
Yarns Used:

Forsell Shamal
502 Llama (cream)
548 Bark (repeating 24 stitch)
533 Tobacco (Electronic picture)

Forsell Pure New Wool
100 Ivory
113 Cinnamon (24 stitch single motif)

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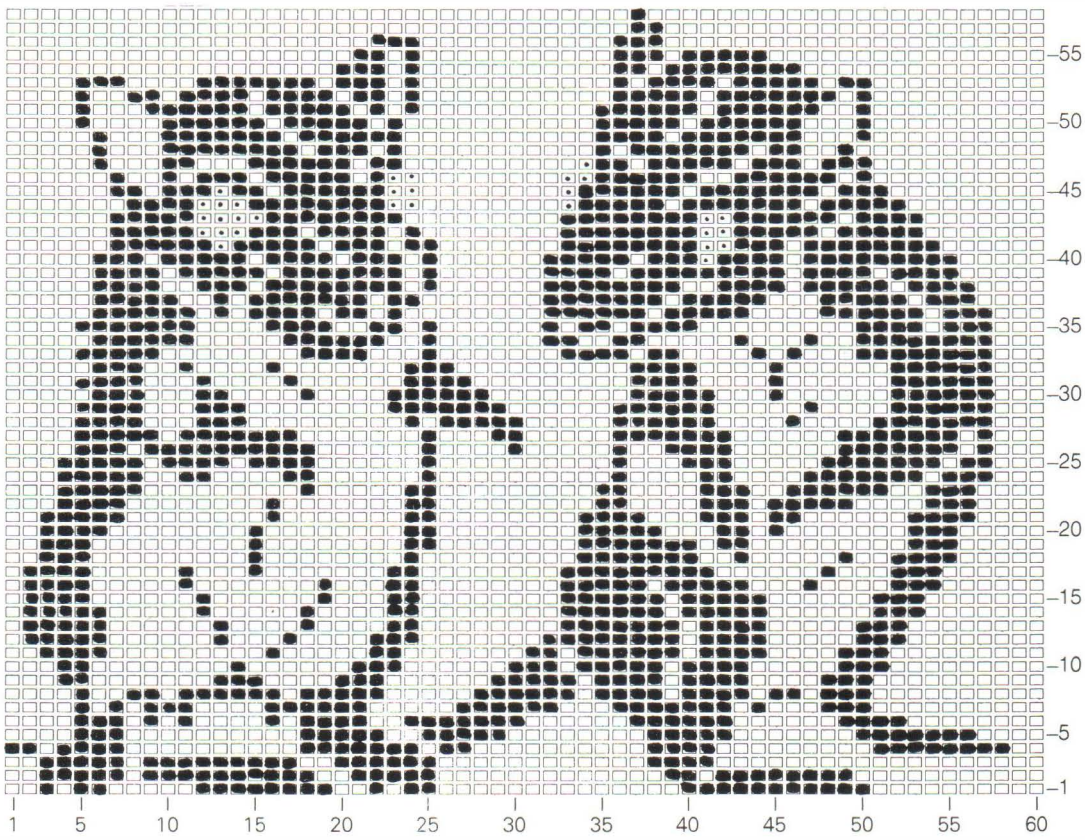
Note:
When using the punchcard charts to make an electronic design card, fill in a square when the punchcard shows a hole.

If you have any problems locating Forsell Shamal, please write to the address below for local stockists and mail order information, quoting this issue of *Modern Machine Knitting*.

T. Forsell & Sons Ltd.
Blaby Road
South Wigston
Leics LE8 2SG



Electronic/Intarsia Chart

Key: ● = Swiss darn in Black

If you have missed any of our Popular Pets in this series, here's a list of the pets and the issues in which they appeared:

Rough Collie/Sheltie	March '91
Tortoises/Turtles/ Terrapins	April '91
Horses and Ponies	May '91
Budgerigars	June '91
Jack Russell Terriers	July '91
Doves and Pigeons	August '91
Yorkshire Terriers	September '91
Cat/Kittens	October '91
Rabbits	November '91
Red Setter	December '91
Goldfish	January '92

If you would like any of the above issues, please send a cheque or P.O. made payable to *Modern Knitting Ltd*, for £1.83 per issue to include p&p to:

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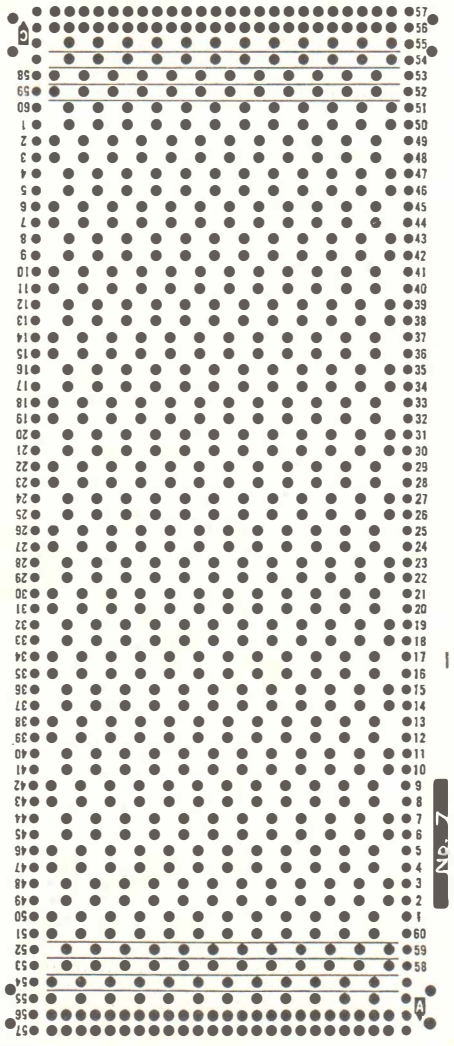
FINISHING TOUCH

By Angela Gordon

Fringing is still very popular on today's traditional and ethnic garment designs. One familiar technique for forming a fringe involves pulling lengths of yarn through the knitted fabric and either tying them into a tassel or knotting them. Knitting machine owners have the advantage of being able to produce lengths of fringed braid which can be attached to the garment at the appropriate position. It is also possible to knit a fringe into the fabric along any row of the knitting whilst it is being produced.



This month's samples are all knitted in Brockwell Yarns' 2 × 2/22's Superfine Botany which is the equivalent of fine 3 ply. The yarn, when washed, is soft and fluffy and it is perfect for fringes because the fluffiness helps the fibres to bond together. This yarn knits very well at tension 4 on the Knitmaster 360.

SAMPLES 1, 2 AND 3
Machine knitted fringed braid

To knit the fringing, bring 11 needles into holding position on the left of the needle bed, miss a group of needles (the distance of which should be twice the depth of fringe required) and leave these needles in A (non-working) position and, finally, bring another 11 needles into holding position.

Cast on with the latch tool method. Start at the left and cast on over the first 11 needles. Use the latch tool to pull the last stitch into a very long loop, so that it spans the gap between the two sets of needles, then continue to cast on over the remaining set of 11 needles. Place the last loop on to the end needle.

Insert card 7 and lock on row 1. Knit one row to return needles to normal working position and, at the same time, to read the pattern into the memory drums (electronic owners program the appropriate mylar pattern). Set the carriage for tuck stitch, hang a claw weight beneath each set of needles and knit the length of fringing required. Cast off both sets of stitches, stretching the loop across the central area.

Sample 1 shows the piece of knitting exactly as it looks when removed from the needle bed. The fringed braid could be used double to edge a garment, when it would be sewn or linked in place to enclose the entire garment edge. This would form a looped fringe which could be left or cut as desired. Alternatively it could be used as a single fringe, where the braided edge is either sewn or linked on to the garment piece. In this case, the knitted piece of fringing would be cut along the centre of the long strands of yarn to make two separate lengths of fringe – **Sample 2** illustrates a piece which has already been cut.

The edges of the braid nearest to the fringe must be sewn down securely to ensure that the stitches do not unravel themselves in wear. Another way to overcome this problem is to knot the fringes and this is illustrated in **Sample 3**, where the top knots each involve

12►

groups of eight strands of yarn. For the second row of knots each of the top groups are split in half then each group of four strands is knotted to the adjacent group of four strands. Notice how much shorter the knotted fringe is when compared to Sample 2 (both samples started out the same length). It is important to allow for the extra length which will be required if you intend to knot your fringe.

SAMPLE 4
Fringed yoke
This sample illustrates a looped, knitted-in fringe which has been knitted into a short row shaped, contrasting yoke. This fringe could also be knitted into a straight row, or into a diagonal short row shaped section. The knitting method is quite straightforward but, if you have never shaped a V and filled it in with a contrast inset using holding position, it would be sensible to try this technique first on its own, without the fringe.

For the fringed sample, cast on 80 stitches. Knit a hem and then work straight for approximately 30 rows. Bring all the needles at the left of centre 0 to holding position and set the carriage to hold. Shape the right side of the V by bringing one needle to holding position on every alternate row, when the carriage is on the left. Shape until 10 stitches remain in work and cast them off.

Take the carriage to the left side of the needle bed. Push back all needles on the left of centre 0 to upper working position (make sure that the spoons of the open latches are still in front of the sinker posts or you will find that stitches drop on your next row!) Knit the left side to match the right, bringing the needles to hold when the carriage is on the right. Cast off the 10 stitches at left and knit one row over all the needles which remain in holding position.

Make the fringed insert
Turn the work, either with a garter bar, which is the quickest way, or with waste knitting. Bring all the needles into holding position. Raise the ribber bed one notch on both sides. Take one strand of each yarn and loop it around the corresponding ribber sinker post. Continue looping the yarns between needles and sinker posts across all the needles in holding position. Break off the yarns and clip the ends to the fabric with spring pegs, to prevent them from unravelling.

Thread the contrast yarn into the feeder and knit one row. Raise the ribber bed slightly and release the fringe loops from the sinker posts. It is best to bring the whole fabric over the front of the ribber bed to ensure that all the loops have been released. Turn the work again and bring all the needles out to holding position.

Push one needle on each side of centre 0 to upper working position and knit one row (to avoid dropped stitches, thread the yarn into the feeder and take it over the needles next to the carriage and hold it next to the first needle in upper work-

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ing position). Continue knitting the yoke in the contrast yarn, pushing one needle back to upper working position at the opposite end to the carriage and wrapping the yarn under the first inside needle in holding position at the same end. When all needles are back in working position, cast them off.

This method can be used to place fringing wherever you want it, but care must be taken to use an appropriate yarn (not a slippery one), otherwise you will find that the loops are very unstable, they catch easily and you could end up with some long loops and some short ones. The technique works very well in most pure wools and particularly Shetland. The fringing can be more firmly anchored by wrapping the yarn twice around the needles and once around the sinker posts. In other words, instead of just looping the yarn around the needle, take it around and then e-wrap it before progressing to the next sinker post. For a longer fringe, leave the ribber in the fully lowered position.

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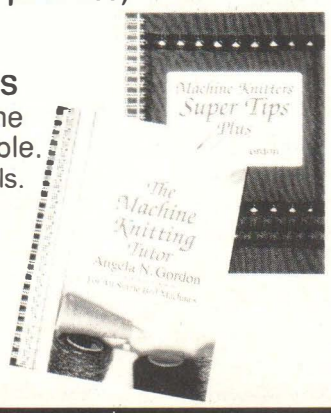

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Col 6 (Pink) – 1 × 50 grm ball.
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TENSIONS:
Intarsia and Stocking Stitch – 24 sts and 32 rows to 10 cms. TD at approx 3 (MT).
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PATTERN NOTE:
Intarsia – see chart.

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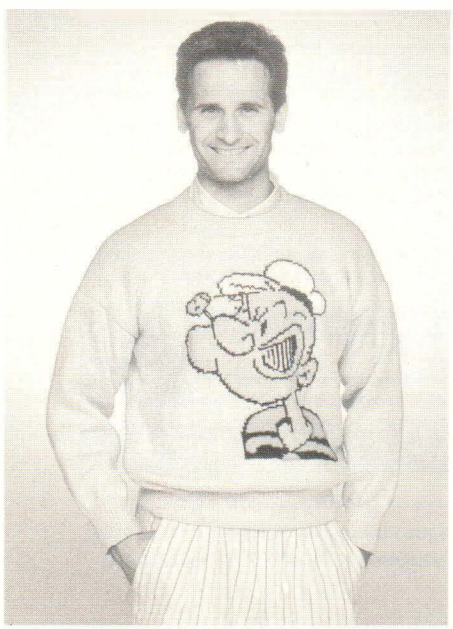

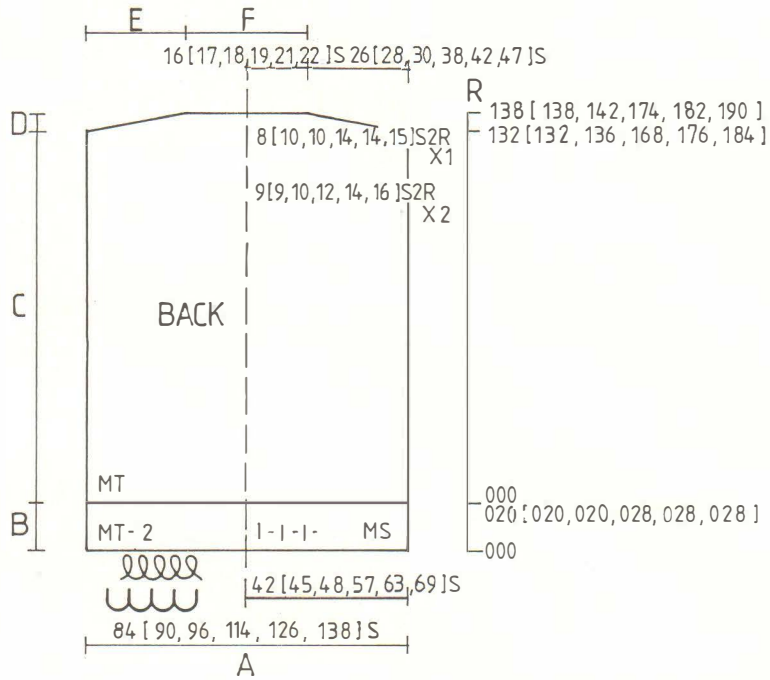

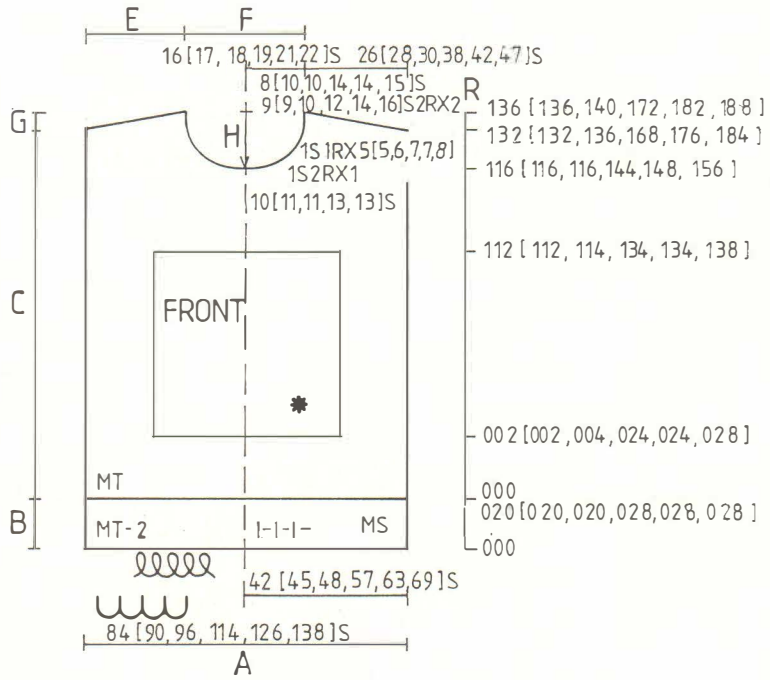

BACK
Push 42 (45, 48, 57, 63, 69) Ns at left and right of centre 0 to WP. 84 (90, 96, 114, 126, 138) Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using MS, cast on by hand. Push Ns to UWP. Set RC at 000. Using MT – 2, K 20 (20, 20, 28, 28, 28) rows. Drop every alt st and pick up as for ribbing. Set RC at 000. Using MT, K to row 132 (132, 136, 168, 176, 184).

Shape Shoulders
Shape as shown on diagram to row 138 (138, 142, 174, 182, 190). Cast off rem 32 (34, 36, 38, 42, 44) sts.

FRONT
K as for back to row 2 (2, 4, 24, 24, 28) above welt. Cont in intarsia patt from chart over centre 80 Ns. K to row 112 (112, 114, 134, 134, 138). Cont in st st and MS, K to row 116 (116, 116, 144, 148, 156).

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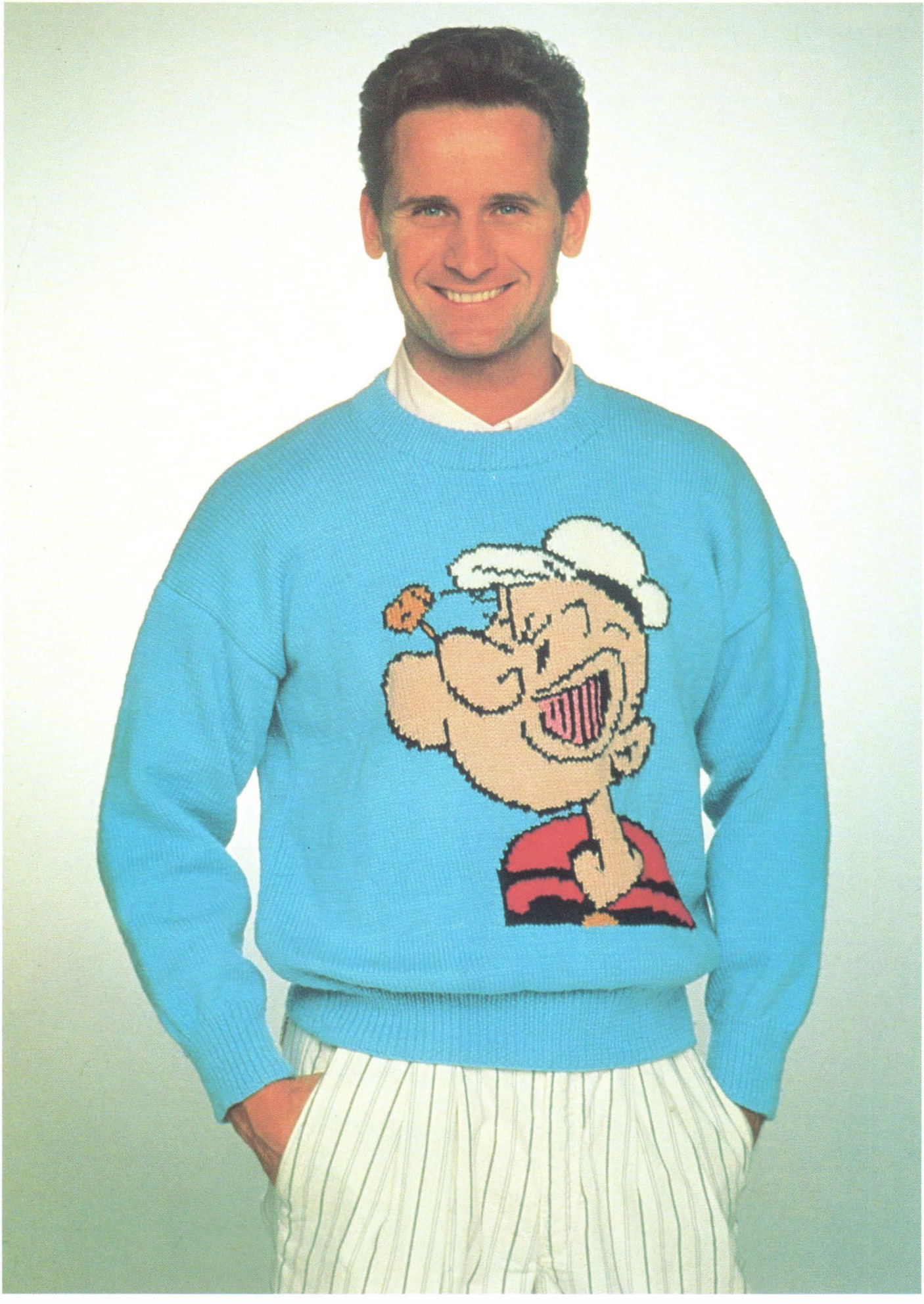
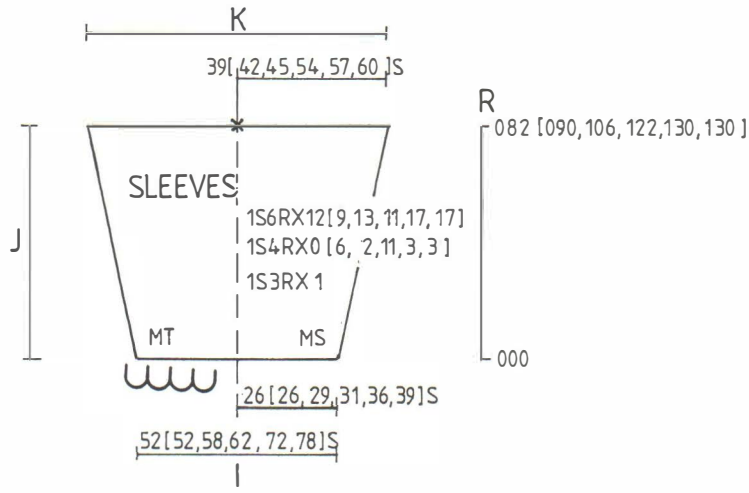


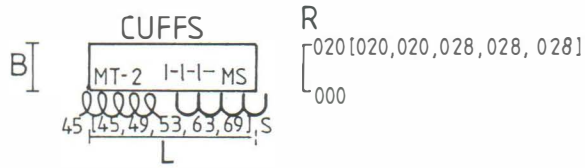
Shape Neck
Shape as shown on diagram to row 132 (132, 136, 168, 176, 184). 26 (28, 30, 38, 42, 47) sts.

Shape Shoulder
Shape as shown on diagram to row 136 (136, 140, 172, 180, 188). Cast off rem 8 (10, 10, 14, 14, 15) sts. K left part as for right part.

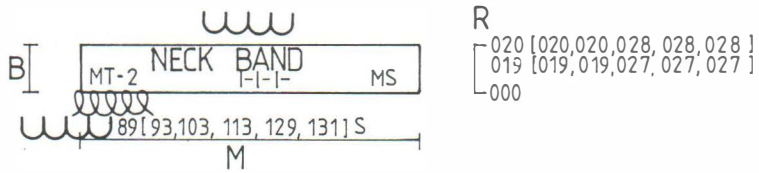
SLEEVES
Push 26 (26, 29, 31, 36, 39) Ns at left and right of centre 0 to WP. 52 (52, 58, 62, 72, 78) Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MS, shape as shown on diagram to row 82 (90, 106, 122, 130, 130). 78 (84, 90, 108, 114, 120) sts. Mark centre with WY. Cast off.



CUFFS
Push 45 (45, 49, 53, 63, 69) Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using MS, cast on by hand. Push Ns to UWP. Set RC at 000. Using MT – 2, K 20 (20, 20, 28, 28, 28) rows. Drop every alt st and pick up as for ribbing. With wrong side of sleeve facing, pick up sts from below WY and place on to Ns gathering evenly. Using MT, K 1 row. Cast off.

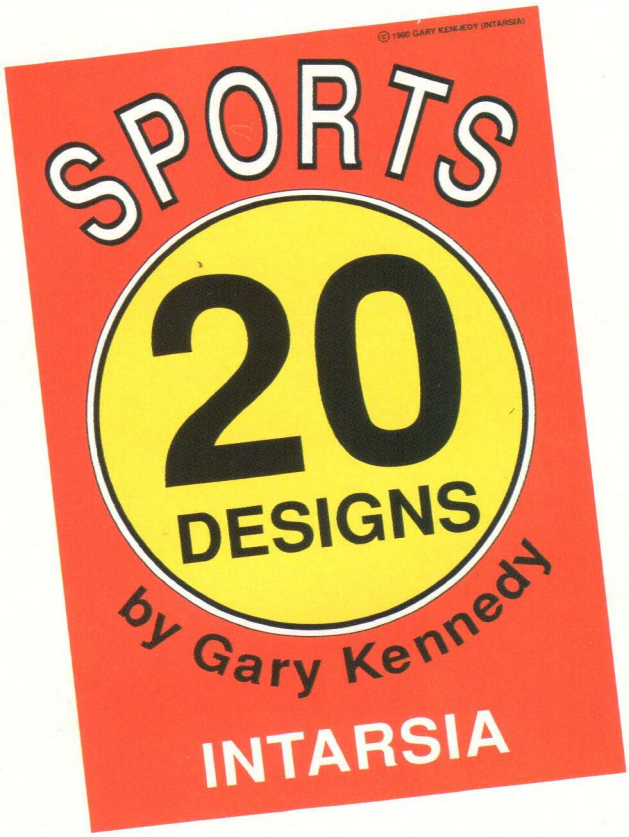


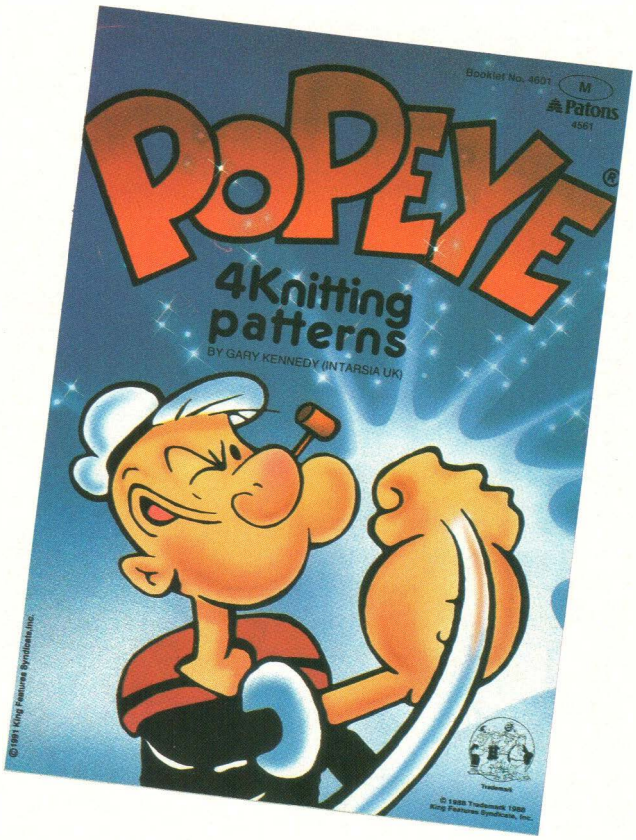
NECKBAND
Push 89 (93, 103, 113, 129, 131) Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using MS, cast on by hand. Push Ns to UWP. Set RC at 000. Using MT – 2, K 19 (19, 19, 27, 27, 27) rows. Drop every alt st and pick up as for ribbing, K 1 row. Using WY, K a few rows and release from machine.



TO MAKE UP
Omitting ribbing, press lightly under a dry cloth using a cool iron. Join shoulder seams. Set in sleeves matching marked sts to shoulder seams. Join side and sleeve seams. Backstitch neckband into position and join centre back seam. Fold in half and catch down on the inside. Embroider using col 4 where indicated by a dotted line on chart. Using 4, embroider lines along sides of pipe as in photograph.

A = 35[37.5,40,47.5,52.5,57.5]CM	H = 6[6,7.5,8.5,10,10]CM
B = 5[5,5,7.5,7.5,7.5]CM	I = 21.5[21.5,24,25.5,30,32.5]CM
C = 41[41,42.5,52.5,55,57.5]CM	J = 25.5[28,33,38,40.5,40.5]CM
D = 1.75CM	K = 32.5[35,37.5,45,47.5,50]CM
E = 10.75[11.75,12.5,15.75,17.5,19.5]CM	L = 18.5[18.5,20,22,26,28.5]CM
F = 13.5[14,15,16,17.5,18.5]CM	M = 37[38.5,42.5,47,53.5,54.5]CM
G = 1.25 CM	





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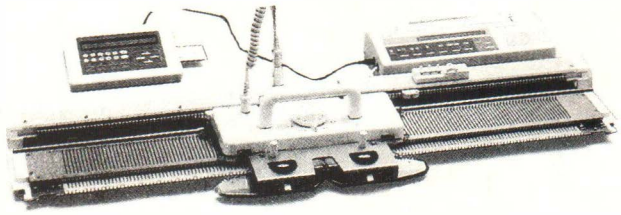

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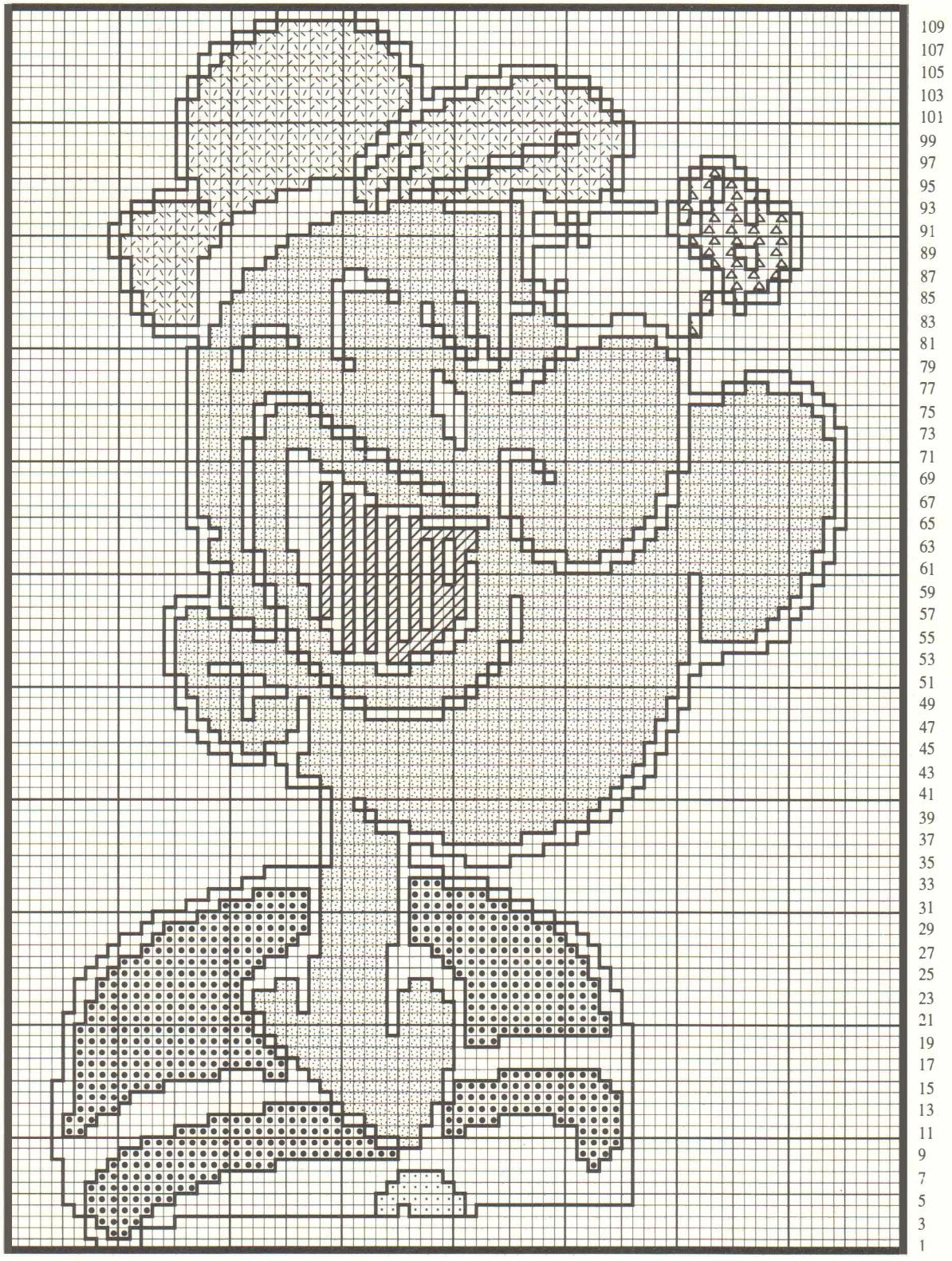

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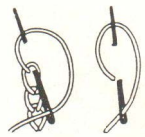

Stem/Satin Stitch

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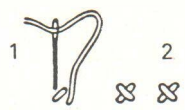
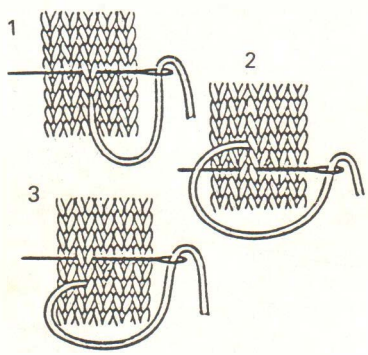
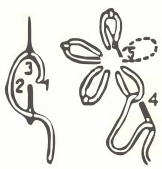


Swiss Darning



Daisy Stitch



Running Stitch

TWISTED STITCHES

By Susan Guagliumi

Last month, our exclusive sweater design featured the 'Duffey Cabled Edging', a simple but effective technique which produces an attractive three-dimensional trim. To continue the theme of manipulated stitches for decorative effects, the 'Pink Twisted Stitches' sweater design in this issue illustrates the use of a simple surface pattern created by twisting stitches. You will also notice that the ribbed welt, cuffs and neckline on the 'Pink Sweater' are finished with the 'Duffey Cabled Trim'.

The easiest way to twist one or more stitches is to use a transfer tool or bodkin. Use the tool to remove the Stitch from its needle, then rotate the tool to twist the stitch and return it to the appropriate needle according to the pattern.

The number of stitches which can be twisted together is determined by the type of yarn used (i.e. how much stretch is available), the size of the stitches and on the tool used. The more stitches that you twist together, the more pronounced the effect. You can also 'twist' a group of stitches around more than once but, again, the results are only successful where the stitch size and stretch of yarn is sufficient to allow for this. Where stitches have been over twisted, it might be impossible to return them to their needles, or they will have become so tight and small that the carriage is unable to knit across them.

TECHNIQUE

For the 'Pink Sweater' pattern, it is necessary to twist two stitches together. You will need two double transfer tools, one to remove the stitches from their needles in the normal way and the second one to insert into the stitch loops from above and behind so that the first tool can be removed. This procedure enables you perform the 180 degree 'twist' both quickly and easily.

First, remove both stitches from their needles on to one double transfer tool (if you are right handed, pass this tool now to your left hand). With your right hand, insert the second double transfer tool through the same two loops, but from above and behind, so that the prongs are pointing towards you, then remove the first tool. Twist the second tool, which now holds the stitch loops, 180 degrees (to right or left, according to the pattern) and replace the stitches back on to their empty needles.

The direction of the twist is extremely important: when the design slants to the right, you must twist the tool to the right; when the design slants towards the left, twist to the left. If you do not twist in the correct direction, the raised effect will appear on the purl side of the fabric, leaving a 'ghost' effect on the knit side.

The 'Pink Twisted Stitches' design features a double trellis pattern which is especially dependent upon the direction of the twists in order to create a woven effect where the diamonds meet. The lines that make up the trellis are parallel twisted stitches that work independently of each other. The symbols (\) and (/) on the chart show two stitches twisting either to the left or right, respectively. Please note that I have used these symbols rather than the standard twisted stitch symbol, to more clearly indicate the direction of each and every twist. Stitches are twisted every two rows, progressively working one stitch to the right or left as indicated on the chart. The (−) symbol indicates a plain purl stitch as knitted by the carriage.

Full details and further information on this technique can be found in Susan's book Hand Tooling Techniques' *published by Batsford.*

PINK TWISTED STITCHES SWEATER

This bright twisted stitch pullover, designed by Susan Guagliumi for 'Studio by White', is accented with cables, popcorns and hand worked garter stitch inside the diamonds. The Duffey Cabled Edging, which trims the ribs and neckline, was featured in full in our January issue.

Having chosen a suitable yarn, either knit your own tension swatch and use your Knit Contour with the block measurements given or follow the written instructions by achieving the same stitch and row tensions.

For 6.5 mm gauge machines, with standard gauge machines with ribbing attachment for all ribbing.

SIZES:
To fit 91-96 (101-106) cms, 36-38 (40-42) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
D.K. weight wool to achieve tension given (3 ply sport weight U.S.A.).
Col 1 (Pink) – 500 (550) grms.

TENSION:
Twisted Stitch Pattern – 23 sts and 30 rows to 10 cms. TD at approx 5 (MT).

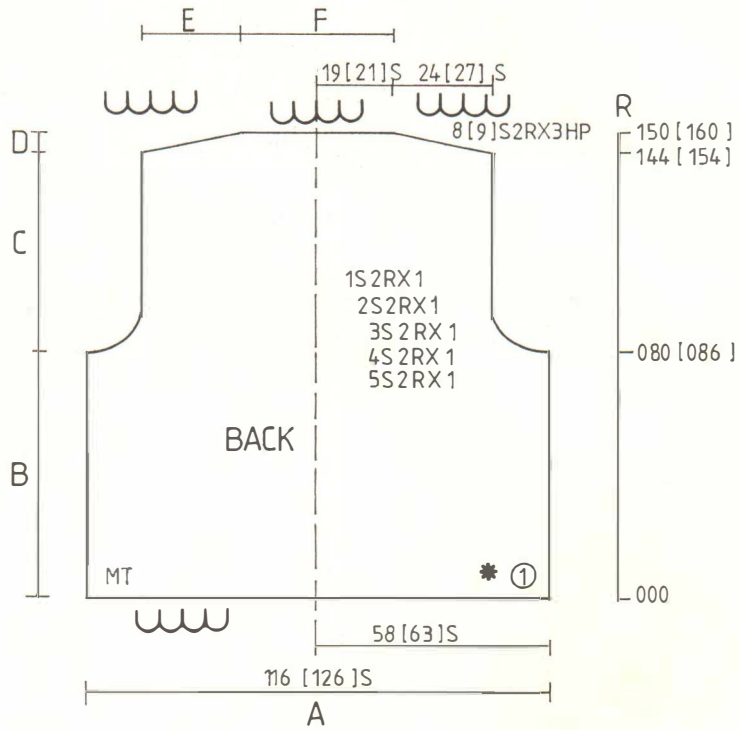
PATTERN NOTE:
Twisted Stitch Pattern – see chart (please refer to special article). The cable, popcorn or garter stitch details can be added as desired to embellish the trellis diamonds. All garment pieces are started with waste knitting, then re-hung on a standard gauge machine with ribbing attachment.The ribbing is knitted down and bound off with the Duffey cabled edging.

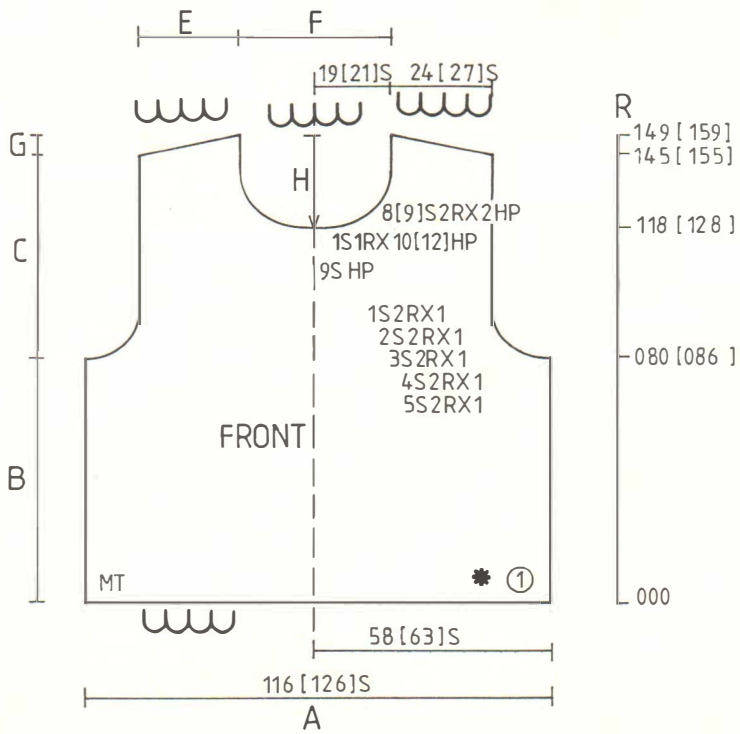
BACK
Push 58 (63) Ns at left and right of centre 0 to WP. 116 (126) Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using col 1, cont in twisted stitch patt. K to row 80 (86).

Shape Armholes
Shape as shown on diagram. 86 (96) sts. K to row 144 (154).

Shape Shoulders
Set carriage for partial knitting. Always take yarn round first side N in HP, push Ns shown on diagram to HP. Using WY, K a few rows in st st over rem 38 (42) sts and release from machine. Push Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT
K as back to row 118 (128).





24►

Pattern 1

◀22

Shape Neck
Push Ns at left of centre 0 and 9 Ns at right of centre 0 to HP. Set carriage for partial knitting. Push Ns shown on diagram to HP. K to row 145 (155).

Shape Shoulder
Always take yarn round first inside N in HP, push Ns shown on diagram to HP. Push Ns at right to UWP. Using WY, K a few rows in st st and release from machine. Take carriage to left. Using a transfer tool, push 34 (39) Ns at left from HP to WP. K left part as for right part. Push centre 38 (42) Ns from HP to UWP. Pick up sts along sides of neck and place on to Ns. K 1 row. Using WY, K a few rows and release from machine.

SLEEVES
Push 28 (29) Ns at left and right of centre 0 to WP. 56 (58) Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using col 1, cont in twisted stitch patt. Shape as shown on diagram. 86 (96) sts. K to row 106 (116).

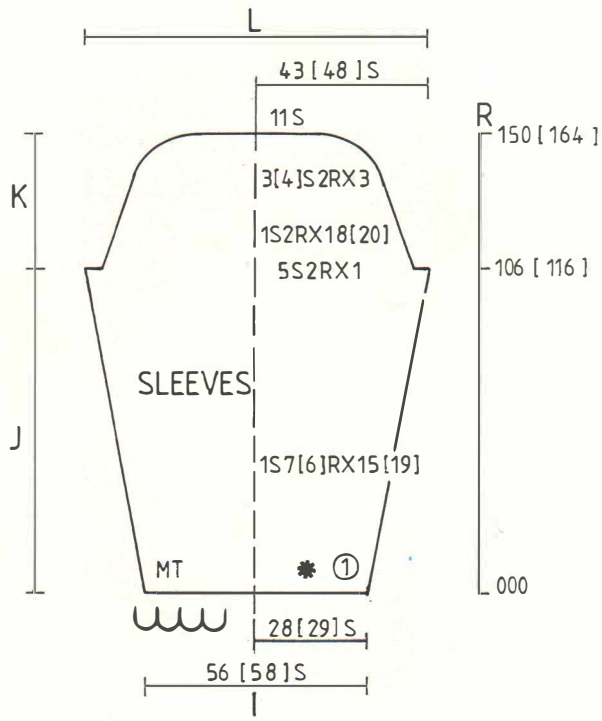
Shape Top
Shape as shown on diagram to row 150 (164). Cast off rem 22 sts.

WELTS
Push 116 (126) Ns on standard gauge machines to WP. With carriage at right and right side facing, pick up 116 (126) sts along lower edge and place on to Ns. Transfer sts for 1 × 1 rib. Set RC at 000. Using MT−2 and col 1, K 36 rows. Transfer sts to knitter. ** Push Ns to HP. Set Russel levers to I. * Push the first 3 Ns at right from HP to UWP and K 10 rows. Remove these 3 sts (1, 2, 3) on a triple transfer tool. Pass the tool under the next 3 Ns (4, 5, 6) and then replace sts on the foll 3 Ns (7, 8, 9). Push the empty Ns to NWP *. Rep from * to * until only 2 groups of sts rem and don't worry if the last group has less than 3 Ns. When knitting the second to last group, only K 5 rows, then move all 3 sts to 1 N. Cast off rem sts **.

CUFFS
Push 56 (58) Ns on standard gauge machines to WP. With carriage at right and right side facing, pick up 56 (58) sts along lower edge of sleeve and place on to Ns. Transfer sts for 1 × 1 rib. Set RC at 000. Using MT−2 and col 1, K 36 rows. Transfer sts to knitter. K as for welts from ** to **.

NECK EDGING
Join right shoulder seam. With carriage at right and right side facing, pick up sts around neck edge and place on to standard gauge machine. Using MT− and col 1, K as for welt from ** to **.

TO MAKE UP
Pin out to size and steam carefully. Join left shoulder, side and sleeve seams. Set in sleeves. Give final light steam.



A = 50 [54.5] CM	H = 10 CM
B = 26.5 [28.5] CM	I = 24 [25] CM
C = 21.5 [22.5] CM	J = 35 [38.5] CM
D = 2 CM	K = 14.5 [16] CM
E = 10. 25 [11.75] CM	L = 37 [41.5] CM
F = 16.5 [18] CM	M = 5 CM
G = 1.5 CM	

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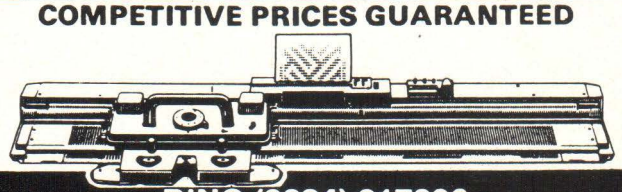

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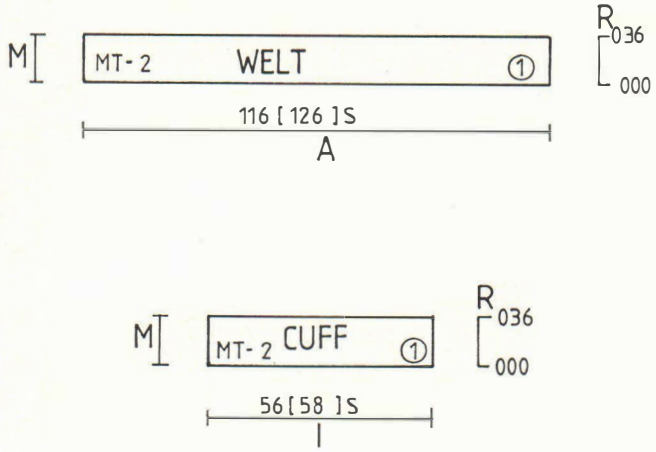

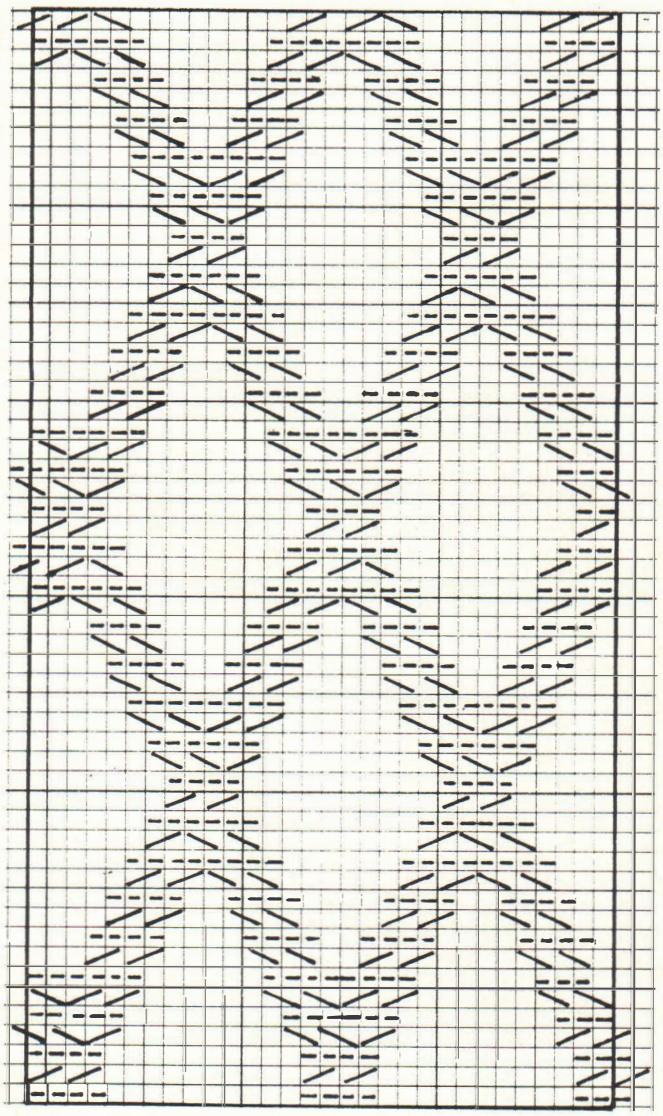

Twisted Stitch Pattern

= Twist 2 sts to the right

= Twist 2 sts to the left

= Purl stitch

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Pattern 2

PERUVIAN SWEATER AND HAT

Mix bright red with a touch of navy and green for this season's fashion knitting. This comfortable and stylish sweater features Intarsia motifs and Fair Isle borders which have taken inspiration from the rich and traditional patterns of Peru. Brighten up your favourite separates with this stunning design and knit a matching hat to complete the look.

For standard gauge punchcard or electronic machines with intarsia carriage (for sweater) and with or without a ribber.

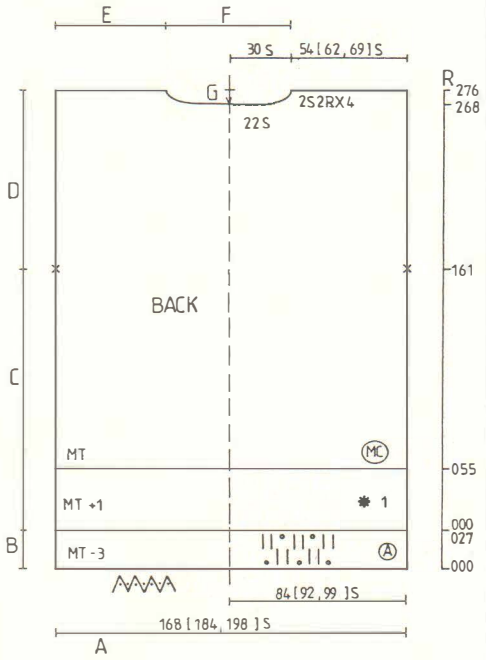
SIZES:
Sweater: To fit 82-87 (92-97, 102-107) cms, 32-34 (36-38, 40-42) inch bust.
Hat: One size to fit average size head.

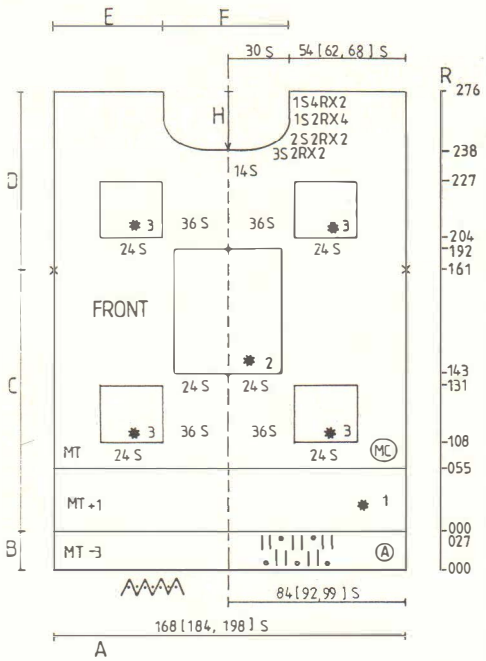
APPROXIMATE YARN TYPES AND AMOUNTS:
Forsell Pure New Wool 4 ply.
Col MC (Hollyberry) – 580 (635, 685) grms. (Hat – 30 grms).
Col A (Bilberry) – 115 (165, 220) grms. (Hat – 20 grms).
Col B (Teal) – 330 (380, 430) grms. (Hat – 10 grms).
Col C (Khaki) – 10 grms (Hat only).

TENSIONS:
Stocking Stitch, Single Motif and Intarsia – 30 sts and 41 rows to 10 cms. TD at approx 7 (MT).
Fair Isle Patterns 1 and 4 – 30 sts and 34 rows to 10 cms. TD at approx 8 (MT+1).
2 × 2 Rib (2 × 1 N arrangement) – 46 rows to 10 cms. TDs at approx 4/4 (MT–3/MT–3).

PATTERN NOTE:
Fair Isle Patterns – see charts.
Knitmaster/Silver Reed Electronic Machines.
Place needle 1 cam between Ns 12 and 13 at left of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 machines, right light on for other models).
Fair Isle Pattern 1
Insert card 1 and lock on first row. K 2 rows A. Release card and cont in Fair Isle. K 12 rows MC/A, 4 rows MC only (st st), 4 rows MC/B, 2 rows C only (st st), 4 rows MC/B, 4 rows MC only (st st), 8 rows MC/B, 7 rows C/B and 8 rows MC/B.
Fair Isle Pattern 4
Insert card 4 and lock on first row. K 2 rows MC. Leave card locked (electronic machines inspection light off to memorise row. Inspection light on). Cont in Fair Isle with MC in feeder 1 and A in feeder 2.
Single Motif Fair Isle Pattern 3 (Sleeves)
K 23 rows MC/B. Lock card on first row. Cont in st st and MC. K 4 rows. Release card and cont in Fair Isle. K 23 rows MC/C. Lock card on first row. Cont in st st and MC. K 4 rows. Release card and cont in Fair Isle. K. 23 rows MC/A.
Hat: Fair Isle Pattern – see chart.
Insert card and lock on first row. Using A, K 2 rows. Release card and cont in Fair Isle. K 12 rows MC/A, 4 rows MC only (st st), 4 rows MC/B, 2 rows C only (st st) and 4 rows MC/B.

PERUVIAN SWEATER
BACK
MACHINES WITH RIBBER
With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 84 (91, 99) Ns at left and 83 (91, 98) Ns at right of centre 0 to WP. 167 (182, 197) Ns. * Push corresponding Ns on ribber to WP. Arrange NS for 2 × 2 (2 × 1 N arrangement). Using A, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT – 3/MT – 3, K 27 rows. Transfer sts for st st *.
MACHINES WITHOUT RIBBER
Push 84 (91, 99) Ns at left and 83 (91, 98) Ns at right of centre 0 to WP. 167 (182, 197) Ns. * Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and A, K 55 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in A evenly along the row. Unravel WY when work is completed *.
ALL MACHINES
1st AND 3rd SIZES
Inc 1 st at right edge.
2nd SIZE
Inc 1 st at each end.
ALL SIZES
168 (184, 198) sts. Set RC at 000. Using MT + 1, cont in Fair Isle patt 1, K 55 rows. Remove card **. Cont in st st. Using MT and MC, K 106 rows. RC shows 161 and work measures 48 cm, 19 in. Place marker at each end. K 107 rows.
Shape Neck
Using a length of MC, cast off centre 44 sts. Push 62 (70, 77) Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and foll 3 alt rows. Cast off rem 54 (62, 69) sts. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.





FRONT
Work as for back to **. Insert card 3 and lock on first row. Place cams for single motifs over Ns 37 to 60 inclusive at left and right of centre 0. Cont in st st. Using MT and MC, K 53 rows. Release card and cont in single motif Fair Isle with MC in feeder 1 and A in feeder 2. K 23 rows. Remove card. Cont in st st and MC, K 12 rows. Cont in intarsia patt 2 from chart, K 18 rows. RC shows 161 and work measures 48 cm, 19 in. Place marker at each end. K 31 rows. Insert card 3 and lock on first row. Place cams for single motifs over Ns 37 to 60 inclusive at left and right of centre 0. Cont in st st and MC, K 12 rows. Release card and cont in single motif Fair Isle with MC in feeder 1 and A in feeder 2. K 23 rows. Remove card. Cont in st st and MC. K 11 rows.
Shape Neck
Using a length of MC, cast off centre 28 sts. Push 70 (78, 85) Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and foll alt row, K 1 row. Cast off 2 sts at beg of next and foll alt row, K 1

28►

row. Dec 1 st at beg of next and every foll alt row until 56 (64, 71) sts rem, then on every foll 4th row until 54 (62, 69) sts rem. K 14 rows. Cast off. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

MACHINES WITH RIBBER

With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 39 Ns at left and 38 Ns at right of centre 0 to WP. 77 Ns. Work as for back from * to *.

MACHINES WITHOUT RIBBER

Push 39 Ns at left and 38 Ns at right of centre 0 to WP. 77 Ns. Work as for back from * to *.

ALL MACHINES

Inc 1 st at right edge. 78 sts. Set RC at 000. Using MT + 1, cont in Fair Isle patt 1. Shape sides by inc 1 st at each end of every 3rd row until there are 114 sts. K 1 row. RC shows 55. Remove card. Insert card 3 and lock on first row. Place cams for single motif over centre 24 Ns. Cont in st st. Using MT and MC, cont to inc on every 3rd row from previous inc until there are 118 sts. K 1 row. RC shows 61. Release card and cont in single motif Fair Isle patt 3. Cont to inc on every 3rd row from previous inc until there are 134 sts, then on every foll 4th row until there are 160 sts. K 2 rows. RC shows 138. Remove card. Cont in st st and MC. Cont to inc on every 4th row from previous inc until there are 168 sts. K 2 rows. RC shows 154 and work measures 46 cm, 18 in. Cast off.

NECKBAND

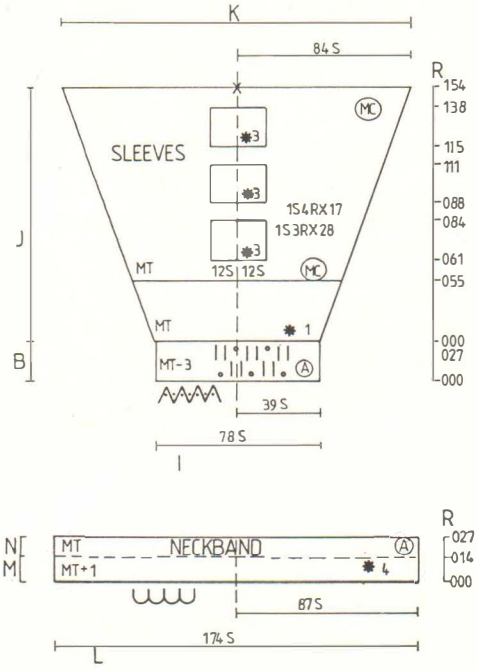
Push 87 Ns at left and right of centre 0 to WP. 174 Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MT + 1, cont in Fair Isle patt 4, K 14 rows. Cont in st st. Using MT and A, K 13 rows. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

TO MAKE UP

Join shoulder seams. Set in sleeves between markers. Join side and sleeve seams. Join neckband seam. Pin neckband into position. Unravelling WY as required, backstitch through open loops of first row worked in MC. Allow st st to roll to the outside.



A = 56 [61, 66] CM	H = 9 CM
B = 6 CM	I = 26 CM
C = 42 CM	J = 40 CM
D = 28 CM	K = 56 CM
E = 18 [20.5, 23] CM	L = 58 CM
F = 20 CM	M = 4 CM
G = 2 CM	N = 3 CM

HAT

MAIN PART

MACHINES WITH RIBBER

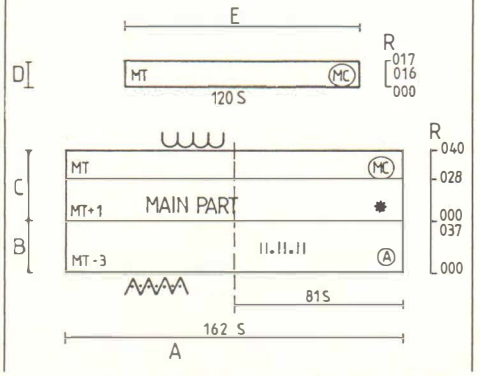
With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 81 Ns at left and 80 Ns at right of centre 0 to WP. 161 Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 2 rib (2 × 1 N arrangement). Using A, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT – 3/MT – 3, K 37 rows. Transfer sts for st st.

MACHINES WITHOUT RIBBER

Push 81 Ns at left and 80 Ns at right of centre 0 to WP. 161 Ns. Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and A, K 75 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in A evenly along the row. Unravel WY when work is completed.

ALL MACHINES

Inc 1 st at right edge. 162 sts. Set RC at 000. Using MT + 1, cont in Fair Isle patt. K 28 rows. Cont in st st and MC. Using MT, K 12 rows. Using WY, K a few rows and release from machine. Push 120 Ns to WP. With carriage at right and P side facing, replace sts on to Ns gathering evenly. Set RC at 000. Using MT and MC, K 16 rows. Transfer every alt st to adjacent N. Push empty Ns to NWP. K 1 row. Break off yarn, leaving a long end. Using a tapestry needle, thread end of yarn through all sts and release from machine.

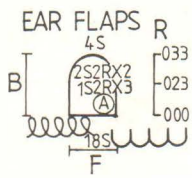


EAR FLAPS (KNIT 4)

Push 18 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using A, cast on by hand. Push Ns to UWP. Set RC at 000. K 23 rows.

Shape Lower Edge

Dec 1 st at each end of next and foll 2 alt rows, K 1 row. Cast off 2 sts at beg of next 4 rows. Cast off rem 4 sts.



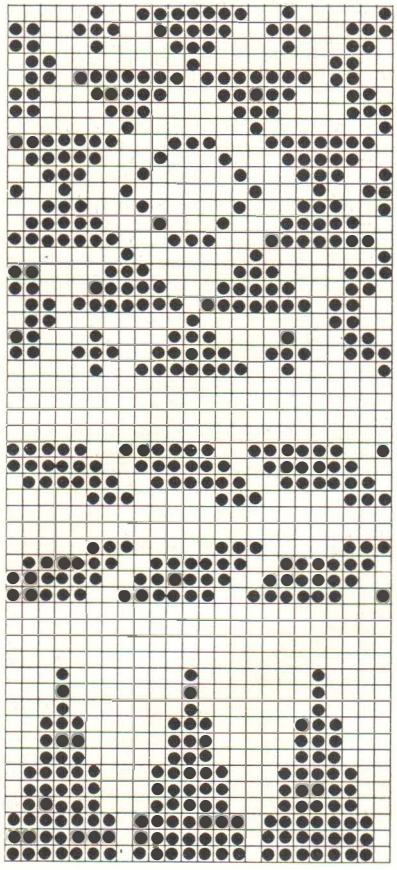
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

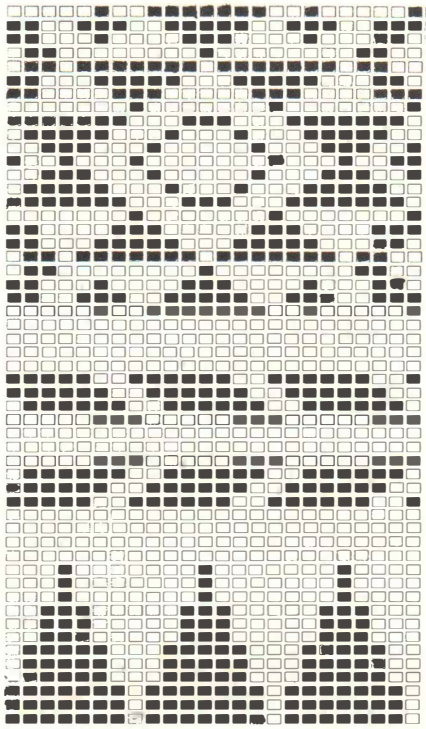
TO MAKE UP

Gather top of hat and join back seam. Fold rib in half to outside. With right sides tog, join 2 ear flaps tog, leaving cast on edge open. Turn to right side and attach to inside of rib on hat. Make two long tassels in A and attach to flaps. Make a little tassel in C and attach to top.

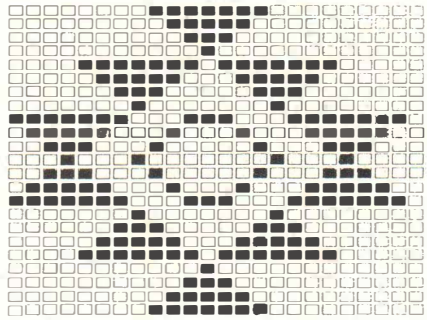
A = 54 CM	D = 4 CM
B = 8 CM	E = 40 CM
C = 11 CM	F = 6 CM



PUNCHCARD CHART 1



ELECTRONIC CHART 1



ELECTRONIC CHART 3 single motif

ELECTRONIC CHART 4

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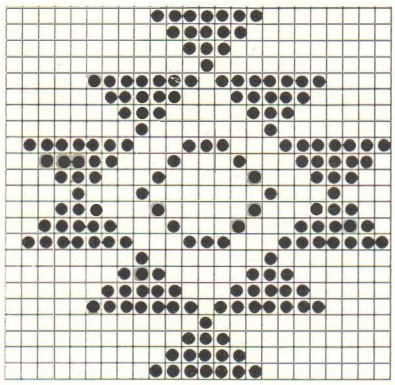
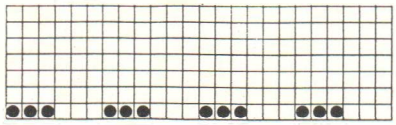


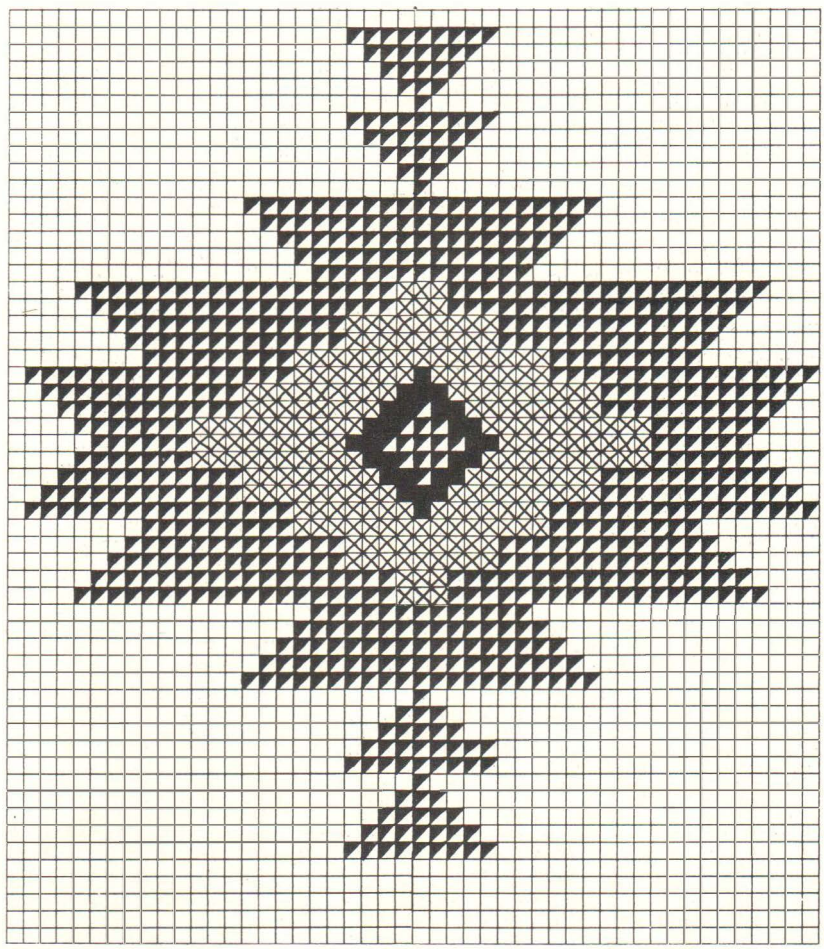
PUNCHCARD CHART 3 single motif



PUNCHCARD CHART 4

KEY ◩ COL C
⊠ COL B
■ COL A

INTARSIA CHART



PATTERN 2

LETTERS, HINTS & TIPS

★ LETTER OF THE MONTH ★

Dear Sue,

Having assembled hundreds of swatches I was at a loss as to what to do with them. Finally, I hit on the following solution – an attractive and warm BLANKET of striped squares, joined and edged with double crochet.

To make the 'SWATCH BLANKET' you first have to unravel all the swatches and wind the yarn on to the yarn winder, joining the yarn ends of the different swatches as you go. This produces a rather colourful yarn.

It is IMPORTANT to make sure that the yarn winder handle is turned to the left at all times. When you have two balls of yarn, wind them together to create a thicker yarn to knit with (original yarn thickness permitting, of course).

To knit the squares, cast on 100 stitches, knit 155 rows at tension 9 and cast off. Knit nine squares in all.

Crochet around each knitted square with two rows of double crochet. To make the blanket more interesting, turn some of the squares so that the stripes fall vertically next to others with the stripes in the horizontal position and arrange all squares in the most pleasing colour and pattern formation. Join the squares together in threes to form the blanket. On completion, tidy up the wrong side, wash carefully and give a final light steam to finish.

Yours sincerely,

Mrs Charlott Holwell, Chesterfield, Derbyshire

• *Charlott's useful and colourful BLANKET pattern wins her a FREE SUBSCRIPTION to Modern Machine Knitting. We'd just like to add a couple more tips to this idea to make sure you get the best results, but don't worry too much – the whole idea is supposed to be a practical but fun way of re-using all your tension swatches and total 'perfection' is certainly not essential!*

1. Try not to mix man-made with natural fibres as the washing and aftercare requirements are incompatible.

2. Although you will have a variety of swatches in a selection of completely different yarn types, don't forget that the best results will be gained by utilising yarns of the same or similar thickness. This will ensure that the knitted 'squares' all end up the same size.

3. The yarn from some swatches, such as those knitted in fancy, silky or very fine yarns may not be suitable (this will depend again on whether you want the blanket to be washable!)

4. If you want your blanket to end up as a proper 'square' shape, you will have to make sure that the number of stitches cast on and the number of rows knitted for each piece produce the same measurement. If not, you will have to adjust the number of rows to match the width of the stitches.

As you will not be able to judge the measurements whilst the knitting is still hanging on the needles, for your first 'square', you could knit more rows than you require (make sure your row counter is in action, starting from 0) and then remove the piece on waste knitting. The stitches and rows will relax into natural formation. To make a square, fold the cast on edge diagonally to meet the side edge and unravel back the excess rows. Note the number of rows pulled out and knit your following 'squares' to match.

5. If you don't mind the 'squares' ending up as rectangles this is fine (most blankets are this shape anyway), but you won't be able to turn the odd piece sideways as Charlott has suggested because the top edges will be shorter than the sides.

Dear Sue,

Having recently acquired a Knitmaster 305, I write to ask if you could possibly assist me with any information on this particular machine.

I am particularly interested to know how the Fair Isle and weaving is achieved, as the booklet which came with the machine does not explain the procedure for these functions. I just cannot see how to operate the colours individually when doing Fair Isle.

Yours sincerely,

Mrs M. L. Mould, Southampton

• *The '305' was a popular model which preceded the punchcard knitting machines in the early seventies. The 'pattern' book which comes with the machine contains a collection of stitch patterns plus accompanying charts which tell the knitter how to proceed. The far left hand column consists of the number of 'steps' which make up the pattern sequence. Look at Pattern number 205 (Page 1 of the Pattern Manual). This is an example of a Fair Isle pattern in two colours. The left hand column shows that there are 6 'steps' which have to be followed in sequence and then repeated throughout to form the pattern.*

Above the second column there is a yarn feeder symbol. The figures written in this column represent the yarn colour which is threaded into the main yarn feeder on the carriage for each 'step' in the sequence. For this pattern it is colour 1 (main yarn) and this will be threaded from the rewound ball or yarn cone through the yarn tension mast in the normal way.

The next column shows the needles with the latches open and the yarn laid across by hand. The figures in this column indicate which colour yarn has to be laid across the open needles for each row. As this pattern is a two colour Fair Isle, colour '2' is indicated here. To lay a yarn across by hand it is important to place the yarn supply on the floor and to secure the loose yarn end from the ball or cone, to the machine or table leg, before knitting the first row. The yarn must be laid across the needles so check that all colour 2 needles are in the forward position (C) with the latches **OPEN**, *otherwise stitches may drop. Always lay the yarn across the needles in the direction in which the carriage will knit the next row (i.e. right to left or vice versa) and gently hold the yarn down below the needles at the other side as you knit across, allowing the yarn to slip gently as the needles form the stitch loops.*

Next, comes the pattern dial column in three sections, to tell you which number each of the three dials should be set on for each step in the pattern sequence. This pattern begins with the dials set to 580.

The next section of the pattern chart includes nine columns and these indicate the carriage settings for the pattern. At the centre, all the cam lever settings are shown. This example is a Fair Isle so the cam lever will be in position 'KII' throughout, to bring the needles forward for colour 2 according to the pattern dial selection. The four small columns to each side indicate the position of the side levers (placed on the triangles for Fair Isle), and the 'Russel' levers at the front of the carriage which can either be set to 'I' (for holding position – when you do not want the needles to knit), to 'II' for knitting all needles or on 'W' for weaving. These settings are sited on both sides of the carriage. For this pattern, the

LETTERS, HINTS & TIPS

Russel levers are on II for knitting all needles.

Finally, the column at the far right indicates the actual number of rows to knit for each 'step' in the pattern sequence. For this pattern, the carriage settings remain constant for each row but the pattern dials are changed each time to a different number.

Hope this explanation helps! The same principles apply to all 305 patterns. Once you get the hang of reading the charts, the sequences are quite easy to follow!

Dear Sue,

Have you ever thought how useful everyday things can be – for instance, my husband's Brylcreem pot, when washed, is used to hold yarn separators, lace edge pins and punchcard clips. Around the top edge of the pot, standing like soldiers, are several clothes pegs. These are used to hold reminder notes to the yarn mast, or to keep ravel cords would neat and tidy until needed, even for holding the yarn ends during automatic cast on – makes life easier if I'm hand feeding the yarn.

I don't have a colour changer so a dining chair comes in useful when I'm using four or five yarns. The back is turned towards my machine and, as I change colours, the yarn is looped over the chair back ends until required. The chair back also comes in useful for ravel cords, lengths of yarn to use as markers, and the seat is handy for pen and notepad. The humble rubber bands, which the postman often leaves round bundles of letters (lucky me!) are used to keep my full sleeves away from the needlebed!

I can almost hear other knitters saying 'I never thought of that'. There's more – a polyester wallpaper tray holds punchcards, clingfilm inserts, store special cards or patterns and I even save the odd ends of yarn cut off when sewing up a garment, placing them in a plastic bag for use when making toys or cushions. I could go on . . .

Yours sincerely,

Joyce Woodruffe, Leigh Park, Hampshire

'LETTER OF THE MONTH'

★ **If your letter is of special interest, you could win a FREE SUBSCRIPTION to Modern Machine Knitting.** ★

Dear Sue,

I would like to share a tip with fellow knitters. This is for working in loose ends at the beginning of a row when changing to a new colour. Break off the yarn end which you have just finished with and change to the new colour. Knit one row. With the carriage at the opposite side, weave in the tail end of the yarn by going under and over the first three to five needles then secure the tail end with a spring peg. Knit several rows then cut the excess part of the loose end off. You can do this as you go along so it saves a lot of time at the finishing stage (no need to sew in all those yarn ends by hand) and the finished seams look neat and tidy. This is also a neat trick to use when doing Intarsia work as the same technique can be applied.

Yours sincerely,

Mrs C. Done, Long Eaton, Notts

Dear Sue,

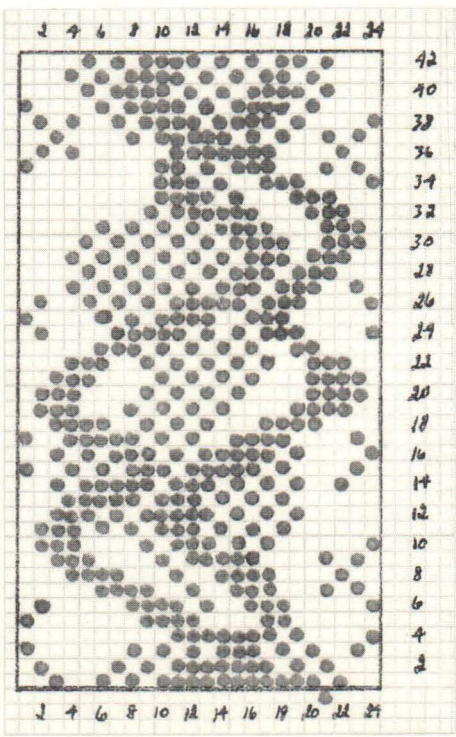
Whilst looking through some back issues of MMK for inspiration, my wife and I came across a pattern featured in the October 1990 feature – Making the Most Of Your Ribber (Part 5).

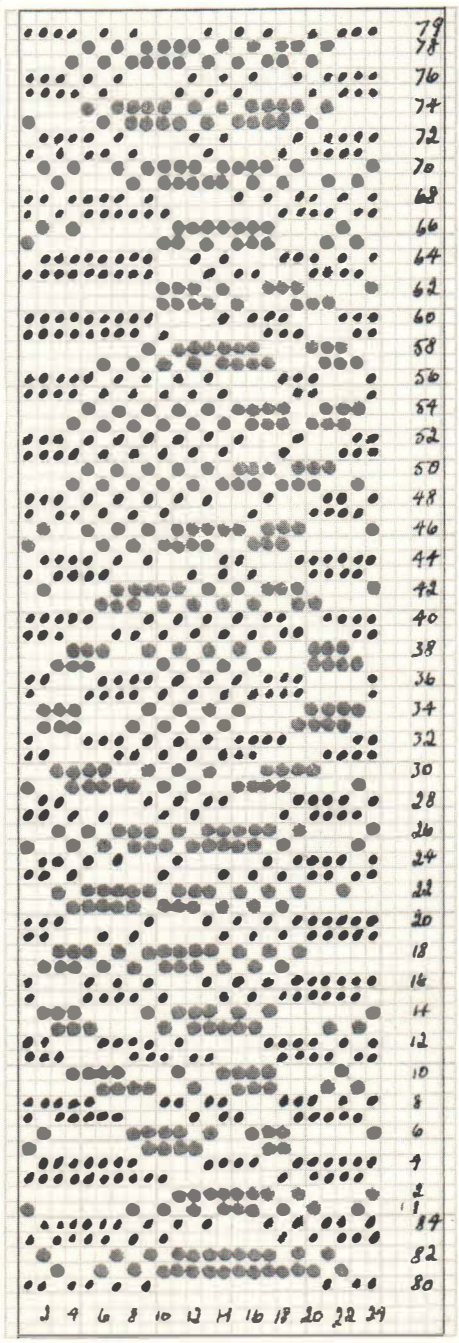
My wife decided she would like a garment using this pattern but, as we have a 24 stitch punchcard machine and the pattern has a 30 stitch repeat intended for an electronic machine, some conversion was needed. The first step was to produce a Fair Isle pattern that resembled the original as closely as possible. From this, a double jacquard card could then be made.

The results are as illustrated and the pattern works quite well. For those with a single bed machine, the conversion for Step 1 could be used as a Fair Isle card – I don't think the long floats would be too much of a problem (they could be latched up on the wrong side).

Yours sincerely,

Mr T. H. Love, Hucknall, Nottingham





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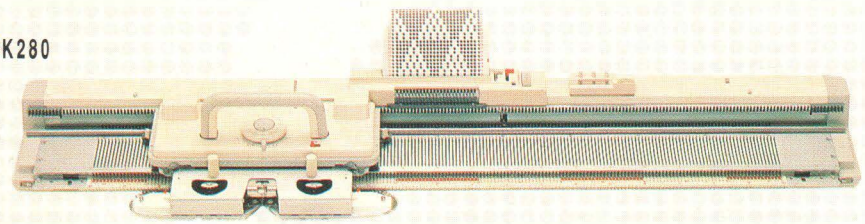

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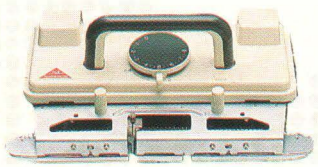

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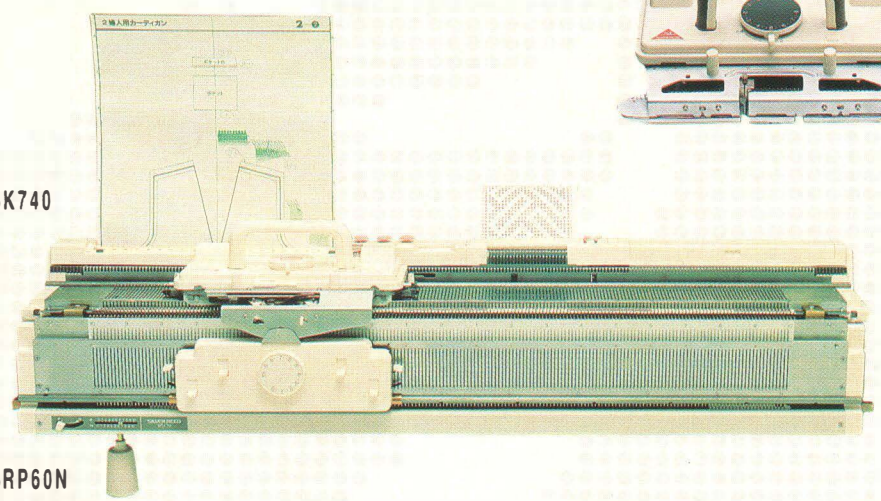

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Pattern 3

LADIES' BRIGHT FAIR ISLE SWEATER

This super Fair Isle design features a polo neck to keep you warm on frosty days. The bright combination of colour and pattern make this the ideal garment for apres ski. For those who like to co-ordinate with the younger generation, we've provided a mini version of this design for the toddler age group.

For standard gauge punchcard or electronic machines with or without a ribber.

SIZES:
To fit 82-87 (92-97, 102-107) cms, 32-34 (36-38, 40-42) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
King Cole Anti-Tickle 4 ply.
Col MC (Raspberry) – 125 (145, 165) grms.
Col A (Gold) – 55 (75, 95) grms.
Col B (African Violet) – 105 (125, 145) grms.
Col C (Scarlet) – 155 (175, 195) grms.
Col D (Navy) – 75 (95, 115) grms.

TENSIONS:
Fair Isle Pattern – 31 sts and 35 rows to 10 cms. TD at approx 7 (MT).
1 × 1 Rib – 43 rows to 10 cms. TD at approx 2/2 (MT – 5).

PATTERN NOTE:
Knitmaster/Silver Reed Electronic Machines.
Place needle 1 cam between Ns 12 and 13 at left of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 machines, right light on for other models).
Fair Isle Pattern – see chart.
Insert card and lock on first row. Using C, K 2 rows. Release card and cont in Fair Isle. * K 2 rows A only (st st), K 4 rows MC only (st st), 3 rows MC/A, 2 rows B only (st st), 3 rows A/C, 5 rows MC/C, 3 rows A/C, 2 rows B only (st st), 3 rows MC/A, 4 rows MC only (st st), 11 rows MC/B, 2 rows MC only (st st), 2 rows D only (st st), 3 rows D/A, 2 rows D only (st st), 3 rows D/C, 1 row C in feeder 1 only (st st), 3 rows C/B, 1 row C/A, 3 rows C/B, 1 row C only (st st), 3 rows C/D, 2 rows D in feeder 1 only (st st), 3 rows D/A, 2 rows D only (st st), 2 rows C only (st st), 4 rows B/MC, 3 rows A/B, 1 row A/D, 2 rows A/C, 1 row A/D, 3 rows A/B and 4 rows B/MC *. Rep from * to * throughout.

If you have any problems locating King Cole Anti-Tickle 4 ply wool, please write to the address below for local stockist and mail order information. Please quote this issue of *Modern Machine Knitting*.

King Cole Ltd
Merrie Mills
Old Souls Way
Bingley
West Yorkshire BD16 2AX

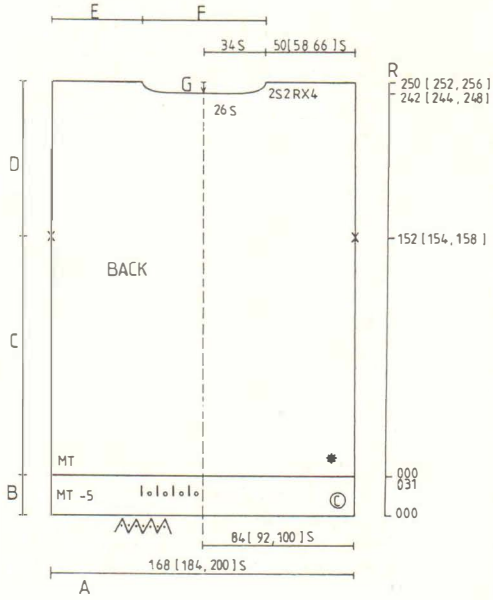
BACK
MACHINES WITH RIBBER
With ribber in position and carriage at left, set machine for 1 × 1 rib. Push 84 (92, 100) Ns at left and right of centre 0 to WP. 168 (184, 200) Ns. * Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using C, cast on and K 3 circular rows. Carriage is at left. Set carriage for 1 × 1 rib knitting. Set RC at 000. Using MT – 5/MT – 5, K 31 rows. Transfer sts for st st *.
MACHINES WITHOUT RIBBER
Push 84 (91, 100) Ns at left and 83 (91, 100) Ns at right of centre 0 to WP. 167 (182, 200) Ns. * Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and C, K 63 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in C evenly along the row. Unravel WY when work is completed *

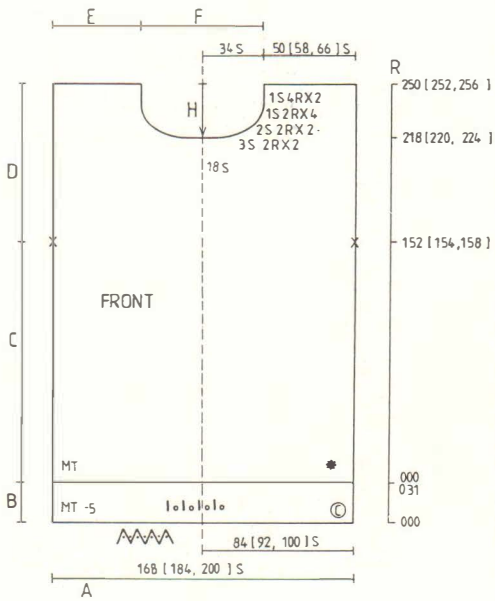
1st SIZE
Inc 1 st at right edge.
2nd SIZE
Inc 1 st at each end.
ALL SIZES
168 (184, 200) sts.
ALL MACHINES
Set RC at 000. Using MT, cont in Fair Isle patt. K 152 (154, 158) rows. Work measures 50 (51, 52) cm, 19¾ (20, 20½) in. Place marker at each end **. K 90 rows.

Shape Neck
Note patt row on card. Using a length of appropriate colour, cast off centre 52 sts. Using nylon cord, K 58 (66, 74) sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and foll 3 alt rows. Cast off rem 50 (58, 66) sts. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

FRONT
Work as for back to **. K 66 rows.

Shape Neck
Note patt row on card. Using a length of appropriate colour, cast off centre 36 sts. Using nylon cord, K 66 (74, 82) sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and foll alt row, K 1 row. Cast off 2 sts at beg of next and foll alt row, K 1 row. Dec 1 st at beg of next and every foll alt row until 52 (60, 68) sts rem, then on every foll 4th row until 50 (58, 66) sts rem. K 8 rows. Cast off. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to





A	= 54 [59, 64] CM	H	= 9 CM
B	= 7 CM	I	= 26 CM
C	= 43 [44, 45] CM	J	= 41 [42, 43] CM
D	= 28 CM	K	= 56 CM
E	= 16 [18.5, 21] CM	L	= 58 CM
F	= 22 CM	M	= 16 CM
G	= 2 CM		

36▶

correspond with first side, reversing shapings.

SLEEVES

MACHINES WITH RIBBER

With ribber in position and carriage at left, set machine for 1 × 1 rib. Push 41 Ns at left and right of centre 0 to WP. 82 Ns. Work as for back from * to *.

MACHINES WITHOUT RIBBER

Push 40 Ns at left and right of centre 0 to WP. 80 Ns. Work as for back from * to *. Inc 1 st at each end. 82 sts.

ALL MACHINES

Set RC at 000. Using MT, cont in Fair patt. Shape sides by inc 1 st at each end of every 3rd row until there are 166 (158, 150) sts, then on every foll 4th row until there are 174 sts. K 2 rows. RC shows 144 (148, 152) and work measures 48 (49, 50) cm, 19 (19¼, 19¾) in. Place marker at centre 0. Cast off.

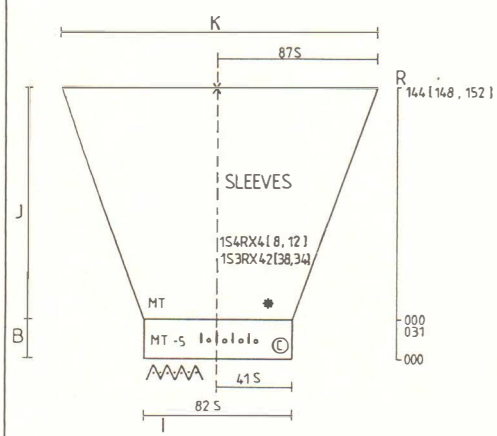
POLO COLLAR

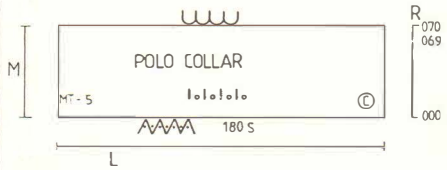
MACHINES WITH RIBBER

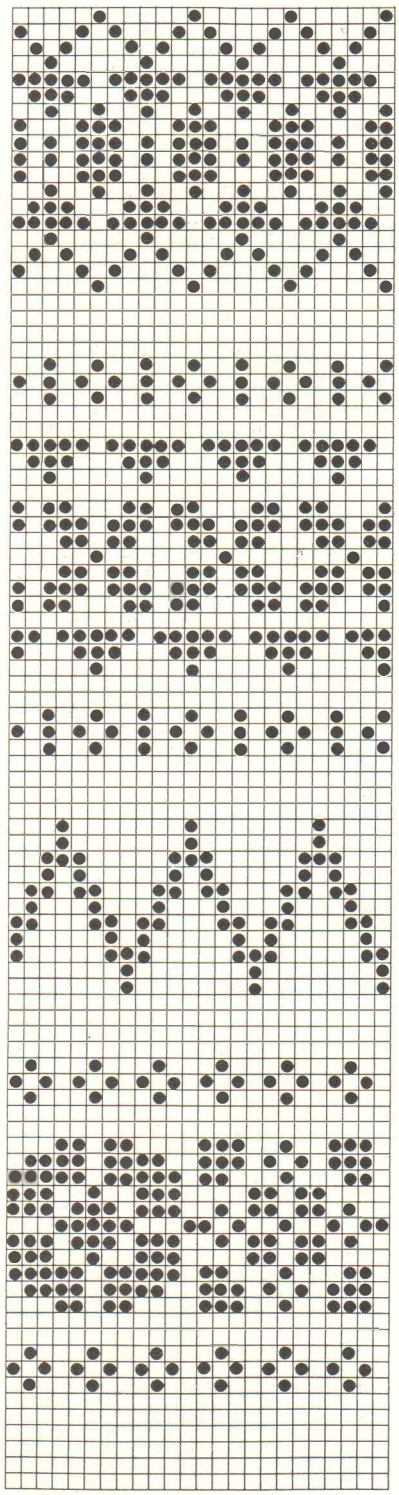
With ribber in position and carriage at right, set machine for 1 × 1 rib. Using C, cast on 180 sts in 1 × 1 rib. K 3 circular rows in reverse. Carriage is at right. Set carriage for 1 × 1 rib knitting. Set RC at 000. Using MT – 5/MT – 5, K 69 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

MACHINES WITHOUT RIBBER

Push 179 Ns to WP. Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and C, K 35 rows. Using MT – 1, K 69 rows. Using MT – 2, K 35 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in C evenly along the row. Unravel WY when work is completed. Using MT, K 1 row. Using WY, K a few rows and release from machine.







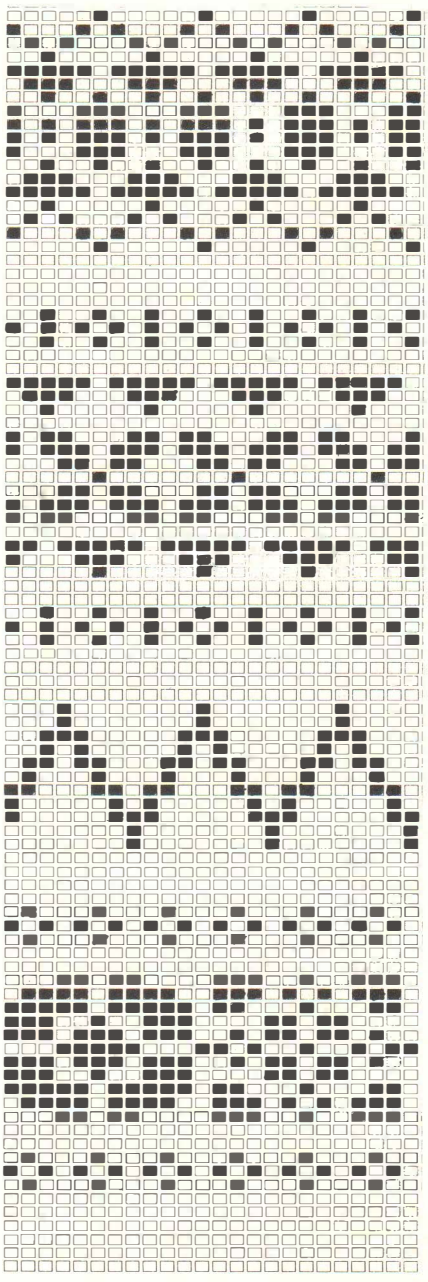
Punchcard Chart

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

TO MAKE UP

Join shoulder seams. Set in sleeves between markers. Join side and sleeve seams. Join collar seam. Pin collar into position. Unravelling WY as required, backstitch through open loops of last row worked in C. Fold in half to right side.



Electronic Chart

TODDLER'S BRIGHT FAIR ISLE SWEATER & HAT

To complement the adult version, here is a delightfully bright sweater for toddlers, this time with a crew neck for comfort plus matching hat. This successful colour combination should co-ordinate with a wide range of plain outfits or separates.

For standard gauge punchcard or electronic machines with or without a ribber.

SIZES:
Sweater: To fit 51 (56, 61, 66) cms, 20 (22, 24, 26) inch chest.
Hat: One size to fit average size head.

APPROXIMATE YARN TYPES AND AMOUNTS:
King Cole Anti-Tickle 4 ply.
Col MC (Raspberry) – 40 (60, 80, 100) grms.
Col A (Gold) – 25 (45, 65, 85) grms.
Col B (African Violet) – 30 (50, 70, 90) grms.
Col C (Scarlet) – 60 (80, 100, 120) grms.
Col D (Navy) – 20 (40, 60, 80) grms.
Hat – 15 grms in each shade.

TENSIONS:
Fair Isle Pattern – 31 sts and 35 rows to 10 cms. TD at approx 7 (MT).
1 × 1 Rib – 43 rows to 10 cms. TDs at approx 2/2 (MT – 5).

PATTERN NOTE:
Knitmaster/Silver Reed Electronic Machines.
Place needle 1 cam between Ns 12 and 13 at left of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 machines, right light on for other models).
Fair Isle Pattern – see chart.
Insert card and lock on first row. Using C, K 2 rows. Release card and cont in Fair Isle. * K 2 rows A only (st st), K 4 rows MC only (st st), 3 rows MC/A, 2 rows B only (st st), 3 rows A/C, 5 rows MC/C, 3 rows A/C, 2 rows B only (st st), 3 rows MC/A, 4 rows MC only (st st), 11 rows MC/B, 2 rows MC only (st st), 2 rows D only (st st), 3 rows D/A, 2 rows D only (st st), 3 rows D/C, 1 row C in feeder 1 only (st st), 3 rows C/B, 1 row C/A, 3 rows C/B, 1 row C only (st st), 3 rows C/D, 2 rows D in feeder 1 only (st st), 3 rows D/A, 2 rows D only (st st), 2 rows C only (st st), 4 rows B/MC, 3 rows A/B, 1 row A/D, 2 rows A/C, 1 row A/D, 3 rows A/B and 4 rows B/MC *. Rep from * to * throughout.
(Use chart from Ladies Bright Fair Isle Sweater).
Hat – K first 53 rows of pattern as on Ladies Bright Fair Isle sweater.

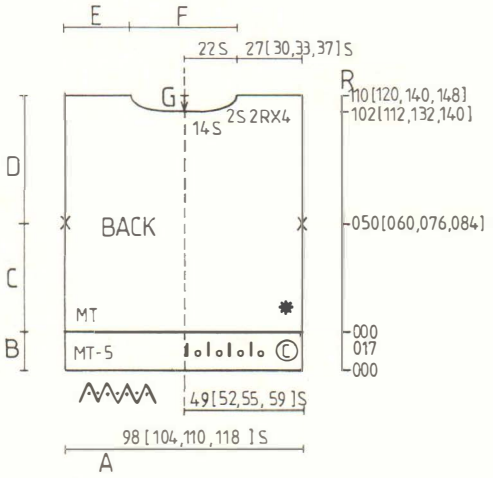
If you have any problems locating King Cole Anti-Tickle 4 ply wool, please write to the address below for local stockist and mail order information. Please quote this issue of *Modern Machine Knitting*.

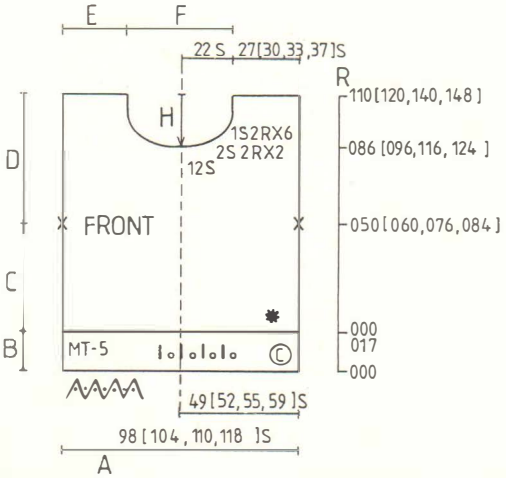
King Cole Ltd
Merrie Mills
Old Souls Way
Bingley
West Yorkshire BD16 2AX

TODDLER'S SWEATER
BACK
MACHINES WITH RIBBER
With ribber in position and carriage at left, set machine for 1 × 1 rib. Push 49 (52, 55, 59) Ns at left and right of centre 0 to WP. 98 (104, 110, 118) Ns. * Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using C, cast on and K 3 circular rows. Carriage is at left. Set carriage for 1 × 1 rib knitting. Set RC at 000. Using MT – 5/MT – 5, K 17 rows. Transfer sts for st st *.
MACHINES WITHOUT RIBBER
Push 49 (52, 55, 58) Ns at left and right of centre 0 to WP. 98 (104, 110, 116) Ns. * Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and C, K 35 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in C evenly along the row. Unravel WY when work is completed *.
4th SIZE
Inc 1 st at each end.
ALL SIZES
98 (104, 110, 118) sts.

ALL MACHINES
Set RC at 000. Using MT, cont in Fair Isle patt. K 50 (60, 76, 84) rows.
Work measures 18 (21, 26, 28) cm, 7 (8¼, 10¼, 11) in. Place marker at each end **. K 52 (52, 56, 56) rows.
Shape Neck
Note patt row on card. Using a length of appropriate colour, cast off centre 28 sts. Using nylon cord, K 35 (38, 41, 45) sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and foll 3 alt rows. Cast off rem 27 (30, 33, 37) sts. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

FRONT
Work as for back to **. K 36 (36, 40, 40) rows.
Shape Neck
Note patt row on card. Using a length of appropriate colour, cast off centre





38►

Pattern 4

◀37

24 sts. Using nylon cord, K 37 (40, 43, 47) sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and foll alt row, K 1 row. Dec 1 st at beg of next and every foll alt row until 27 (30, 33, 37) sts rem. K 8 rows. Cast off. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

MACHINES WITH RIBBER

With ribber in position and carriage left, set machine for 1 × 1 rib. Push 27 (27, 28, 28) Ns at left and right of centre 0 to WP. 54 (54, 56, 56) Ns. Work as for back from * to *.

MACHINES WITHOUT RIBBER

Push 27 (27, 28, 28) Ns at left and 26 (26, 28, 28) Ns at right of centre 0 to WP. 53 (53, 56, 56) Ns. Work as for back from * to *.

1st AND 2nd SIZES

Inc 1 st at right edge.

ALL SIZES

54 (54, 56, 56) sts.

ALL MACHINES

Set RC at 000. Using MT, cont in Fair Isle patt. Shape sides by inc 1 st at each end of every alt (3rd, alt, 3rd) row until there are 66 (104, 60, 88) sts, then on every foll 3rd (4th, 3rd, 4th) row until there are 106 (106, 112, 112) sts. K 2 rows. RC shows 74 (81, 84, 98) and work measures 25 (27, 28, 32) cm, 10 (10¾, 11, 12½) in. Place marker at centre 0. Cast off.

NECKBAND

MACHINES WITH RIBBER

With ribber in position and carriage at left, set machine for 1 × 1 rib. Using C, cast on 124 sts in 1 × 1 rib. K 3 circular rows. Carriage is at left. Set carriage for 1 × 1 rib knitting. Set RC at 000. Using MT – 5/MT – 5, K 26 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

MACHINES WITHOUT RIBBER

Push 122 Ns to WP. Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 1 and C, K 7 rows. Using MT – 2, K 13 rows. Using MT – 1, K 7 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in C evenly along the row. Unravel WY when work is completed. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on ball band.

TO MAKE UP

Join shoulder seams. Set in sleeves between markers. Join side and sleeve seams. Join neckband seam. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in C. Fold in half to inside and catch down.

HAT

TO KNIT

MACHINES WITH RIBBER

With ribber in position and carriage at left, set machine for 1 × 1 rib. Push 84 Ns at left and right of centre 0 to WP. 168 Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using C, cast on and K 3 circular rows. Carriage is at left. Set carriage for 1 × 1 rib knitting. Set RC at 000. Using MT – 5/MT – 5, K 21 rows. Transfer sts for st st.

MACHINES WITHOUT RIBBER

Push 84 Ns at left and 83 Ns at right of centre 0 to WP. 167 Ns. Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and C, K 43 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in C evenly along the row. Unravel WY when work is completed. Inc 1 st at right edge. 168 sts.

ALL MACHINES

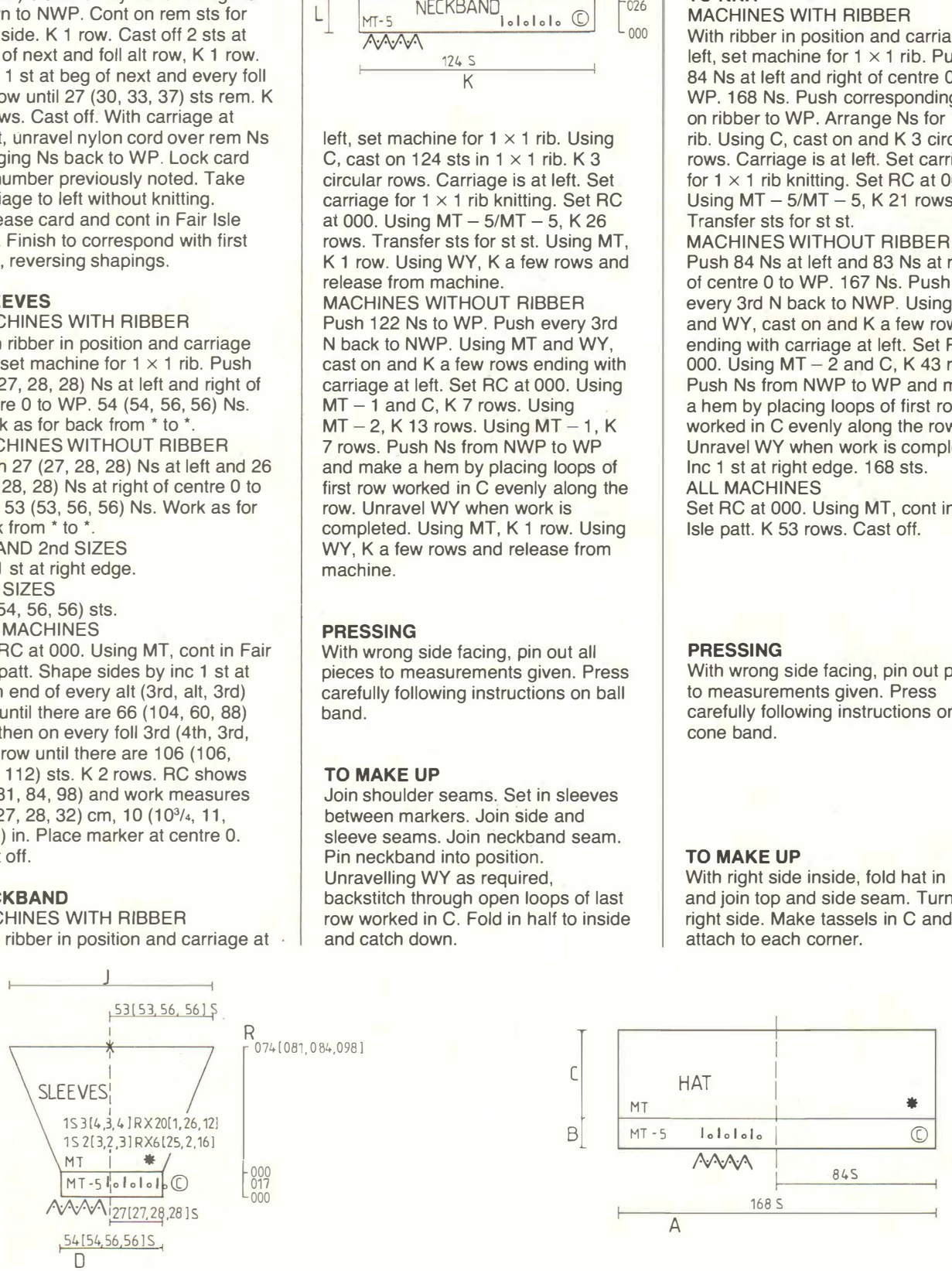
Set RC at 000. Using MT, cont in Fair Isle patt. K 53 rows. Cast off.

PRESSING

With wrong side facing, pin out piece to measurements given. Press carefully following instructions on cone band.

TO MAKE UP

With right side inside, fold hat in half and join top and side seam. Turn to right side. Make tassels in C and attach to each corner.



A = 31[33,35,38] CM	E = 8.5[9.5,10.5,12] CM	I = 21[23,24,25] CM
B = 4 CM	F = 14 CM	J = 34[34,36,36] CM
C = 14[17,22,24] CM	G = 2 CM	K = 40 CM
D = 17[17,18,18] CM	H = 7 CM	L = 6 CM

A = 54 CM
B = 5 CM
C = 15 CM

FOLKLORE SWEATER

This easy to knit classic sweater style is knitted in Guernsey 5 ply for added winter weight and warmth. The 'folklore' inspiration uses simple hand embroidered motifs to give this sweater designer style. This is another design with a toddler version which should prove popular!

For standard gauge machines with or without a ribber.

SIZES:
To fit 87-92 (97-102, 107-112) cms, 34-36 (38-40, 42-44) inch bust.

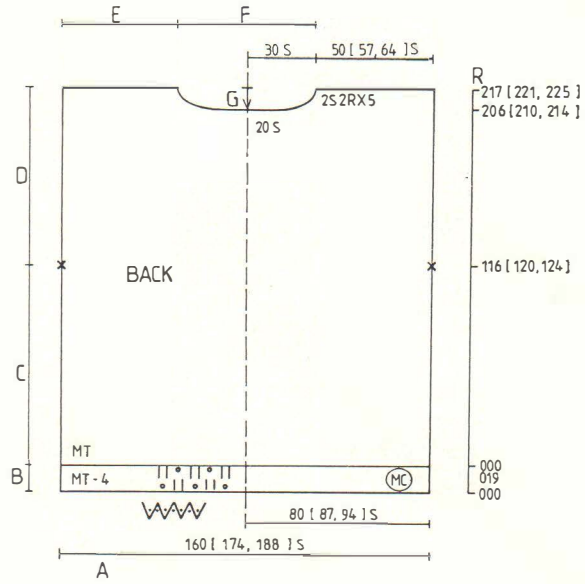
APPROXIMATE YARN TYPES AND AMOUNTS:
Many A Mickle Guernsey 5 ply.
Col MC (Red) – 710 (760, 810) grms.
Col A (Cream) – A small amount.
Col B (Black) – A small amount.

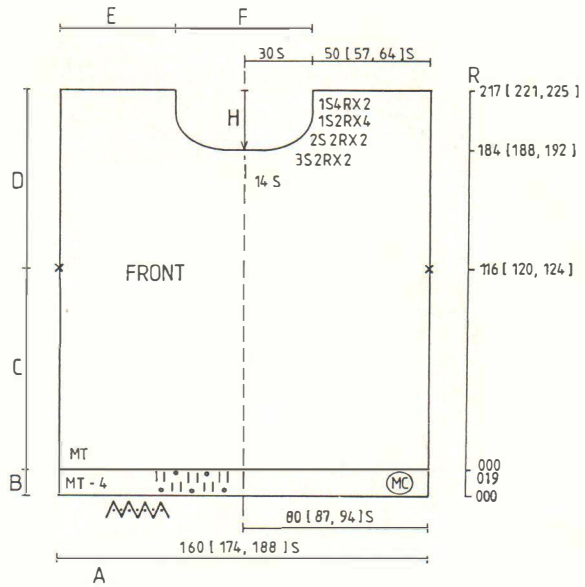
TENSION:
Stocking Stitch – 27 sts and 36 rows to 10 cms. TD at approx 9 (MT).

PATTERN NOTE:
Follow special chart for embroidery

If you have any problems locating Many A Mickle Guernsey 5 ply, please write to the address below for local stockist and mail order information. Please quote this issue of *Modern Machine Knitting*.

Many A Mickle at Brier Hey
Mytholmroyd
Hebden Bridge
West Yorkshire HX7 5PF





BACK
MACHINES WITH RIBBER
With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 79 (87, 94) Ns at left and 79 (86, 94) Ns at right of centre 0 to WP. 158 (173, 188) Ns. * Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 2 rib (2 × 1 N arrangement). Using MC, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT – 4/MT – 4, K 19 rows. Transfer sts for st st *.
MACHINES WITHOUT RIBBER
Push 79 (87, 94) Ns at left and 79 (86, 94) Ns at right of centre 0 to WP. 158 (173, 188) Ns. * Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and MC, K 39 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in MC evenly along the row. Unravel WY when work is completed *.

ALL MACHINES
1st SIZE
Inc 1 st at each end.
2nd SIZE
Inc 1 st at right edge.
ALL SIZES
160 (174, 188) sts. Set RC at 000. Using MT, K 116 (120, 124) rows. Work measures 36 (37, 38) cm, 14¼ (14½, 15) in. Place marker at each end **. K 90 rows.

Shape Neck
Using a length of MC, cast off centre 40 sts. Push 60 (67, 74) Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and foll 4 alt rows, K 1 row. Cast off rem 50 (57, 64) sts. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

FRONT
Work as for back to **. K 68 rows.

Shape Neck
Using a length of MC, cast off centre

44►

Pattern 6

TODDLER'S FOLKLORE SWEATER

Traditional cross stitch is used to decorate this toddlers winter sweater using the same borders and motif to co-ordinate with the adult version.

For standard gauge machines with or without a ribber.

SIZES:
To fit 51 (56, 61, 66) cms, 20 (22, 24, 26) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
Many A Mickle Guernsey 5 ply.
Col MC (Red) – 240 (290, 340, 390) grms.
Col A (Cream) – A small amount.
Col B (Black) – A small amount.

TENSION:
Stocking Stitch – 27 sts and 36 rows to 10 cms. TD at approx 9 (MT).

PATTERN NOTE:
Use charts from Folklore (Ladies).

If you have any problems locating Many A Mickle Guernsey 5 ply, please write to the address below for local stockist and mail order information. Please quote this issue of *Modern Machine Knitting*.

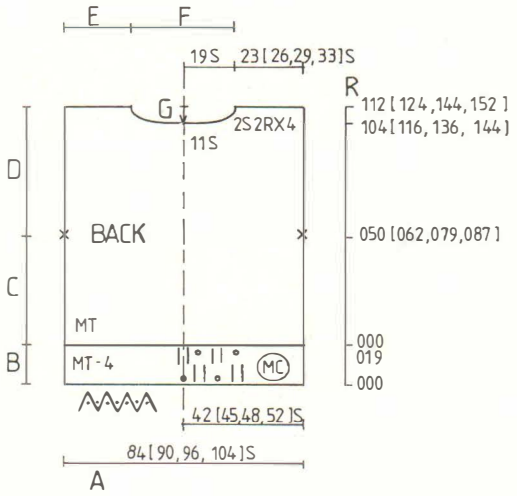
Many A Mickle at Brier Hey
Mytholmroyd
Hebden Bridge
West Yorkshire HX7 5PF

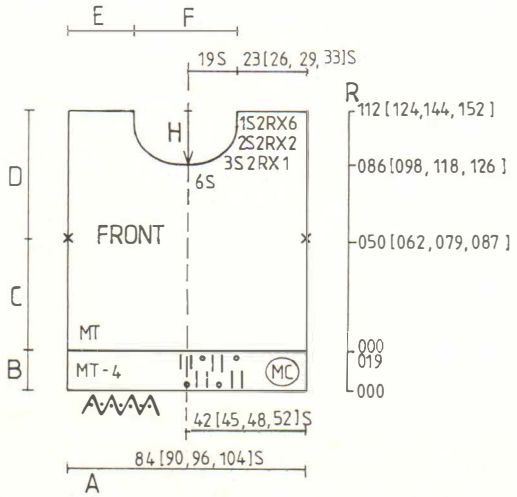
BACK
MACHINES WITH RIBBER
With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 42 (45, 48, 52) Ns at left and 41 (44, 47, 52) Ns at right of centre 0 to WP. 83 (89, 95, 104) Ns. * Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 2 rib (2 × 1 N arrangement). Using MC, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT – 4/MT – 4, K 19 rows. Transfer sts for st st *.
MACHINES WITHOUT RIBBER
Push 42 (45, 48, 52) Ns at left and 41 (44, 47, 52) Ns at right of centre 0 to WP. 83 (89, 95, 104) Ns. * Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and MC, K 39 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in MC evenly along the row. Unravel WY when work is completed *.
ALL MACHINES
1st, 2nd AND 3rd SIZES
Inc 1 st at right edge. 84 (90, 96, 104) sts. Set RC at 000. Using MT, K 50 (62, 79, 87) rows. Work measures 18 (21, 26, 28) cm, 7 (8¼, 10¼, 11) in. Place marker at each end **. K 54 (54, 57, 57) rows.

Shape Neck
Using a length of MC, cast off centre 22 sts. Push 31 (34, 37, 41) Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and foll 3 alt rows. Cast off rem 23 (26, 29, 33) sts. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side reversing shapings.

FRONT
Work as for back to **. K 36 (36, 39, 39) rows.

Shape Neck
Using a length of MC, cast off centre 12 sts. Push 36 (39, 42, 46) Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next row, K 1 row. Cast off 2 sts at beg of next and foll alt row, K 1 row. Dec 1 st at beg of next and every foll alt row until 23 (26, 29, 33) sts rem. K 8 rows. Cast off. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.





45▶

Pattern 5

◀40

28 sts. Push 66 (73, 80) Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and foll alt row, K 1 row. Cast off 2 sts at beg of next and foll alt row, K 1 row. Dec 1 st at beg of next and every foll 4th row until 50 (57, 64) sts rem. K 9 rows. Cast off. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

MACHINES WITH RIBBER

With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 36 Ns at left and 35 Ns at right of centre 0 to WP. 71 Ns. Work as for back from * to *.

MACHINES WITHOUT RIBBER

Push 36 Ns at left and 35 Ns at right of centre O to WP. 71 Ns. Work as for back from * to *.

ALL MACHINES

Inc 1 st at right edge. 72 sts. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 3rd row until there are 92 sts, then on every foll 4th row until there are 152 sts. K 2 rows. RC shows 152 and work measures 46 cm, 18 in. Cast off.

NECKBAND

MACHINES WITH RIBBER

With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 81 Ns at left and 80 Ns at right of centre 0 to WP. 161 Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 2 rib (2 × 1 N arrangement). Using MC, cast on and K 3 circular rows. Carriage is at left. Set RC at 000. Using MT – 4/MT – 4, K 14 rows. Transfer sts for st st.

MACHINES WITHOUT RIBBER

Push 81 Ns at left and 80 Ns at right of centre 0 to WP. 161 Ns. Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 1 and MC, K 7 rows. Using MT – 2, K 15 rows. Using MT – 1, K 7 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in MC evenly along the row. Unravel WY when work is completed.

ALL MACHINES

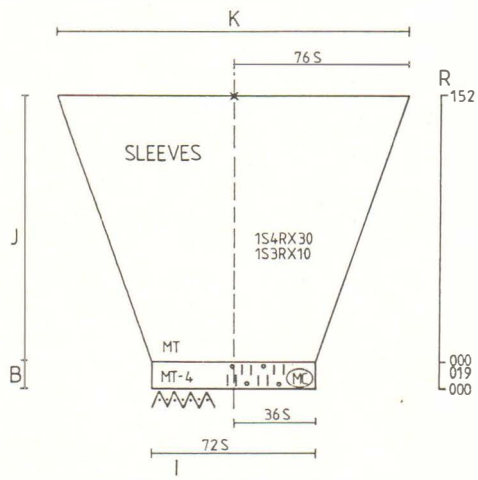
Inc 1 st at right edge. 162 sts. Set RC at 000. Using MT, K 11 rows. Using WY, K a few rows and release from machine.

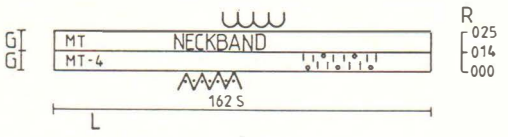
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

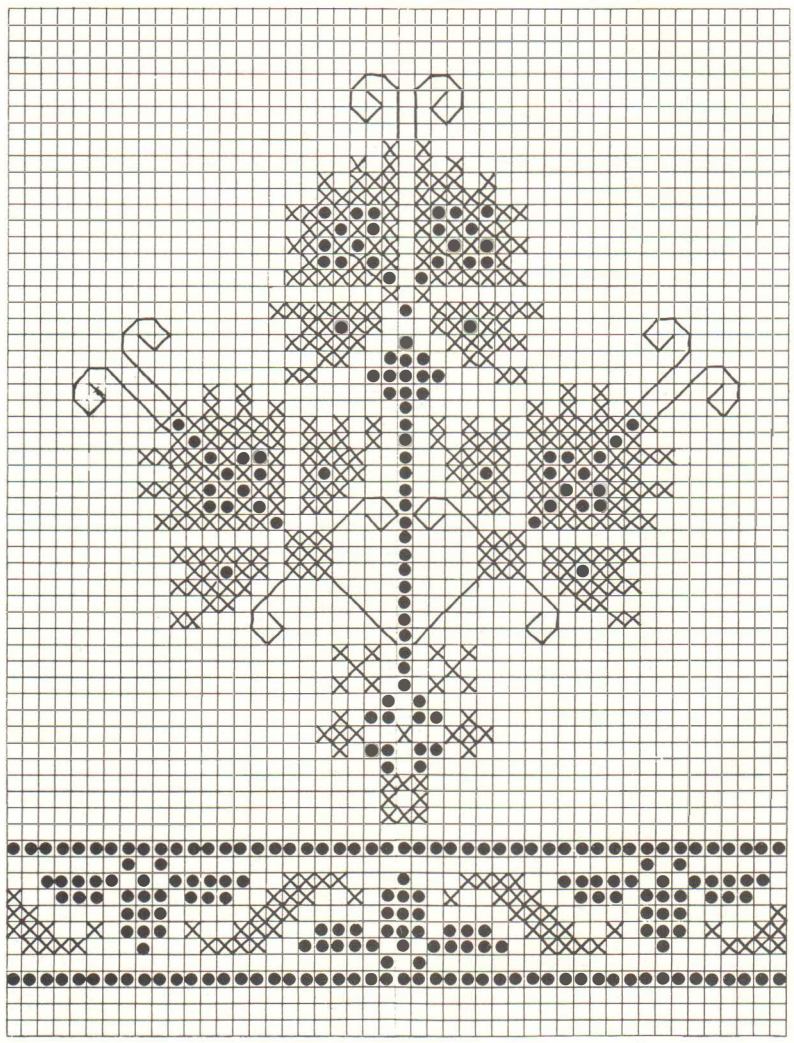
TO MAKE UP

Using cross st, work border patt from chart along lower edge of st st on back, front and sleeves and on st st section of neckband. Repeat main patt from chart up centre front. Join shoulder seams. Set in sleeves between markers. Join side and sleeve seams. Join neckband seam. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC.





A = 59 [64, 69] CM	H = 9 CM
B = 4 CM	I = 26 CM
C = 32 [33, 34] CM	J = 42 CM
D = 28 CM	K = 56 CM
E = 18.5 [21, 23.5] CM	L = 60 CM
F = 22 CM	G = 3 CM



KEY ⊠ COL A

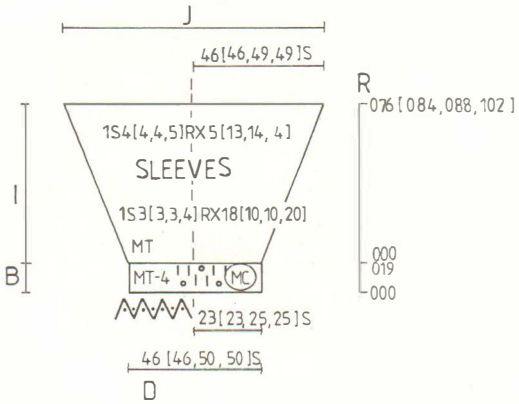
■ COL B

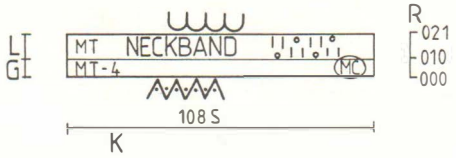
SLEEVES
MACHINES WITH RIBBER
With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 22 (22, 25, 25) Ns at left and right of centre 0 to WP. 44 (44, 50, 50) Ns. Work as for back from * to *.
MACHINES WITHOUT RIBBER
Push 22 (22, 25, 25) Ns at left and right of centre 0 to WP. 44 (44, 50, 50) Ns. Work as for back from * to *.
ALL MACHINES
1st AND 2nd SIZES
Inc 1 st at each end.
ALL SIZES
46 (46, 50, 50) sts. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 3rd (3rd, 3rd, 4th) row until there are 82 (66, 70, 90) sts, then on every foll 4th (4th, 4th, 5th) row until there are 92 (92, 98, 98) sts. K 2 rows. RC shows 76 (84, 88, 102) and work measures 25 (27, 28, 32) cm, 10 (10¾, 11, 12½) in. Cast off.

NECKBAND
MACHINES WITH RIBBER
With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 54 Ns at left and 53 Ns at right of centre 0 to WP. 107 Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 2 rib (2 × 1 N arrangement). Using MC, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT × 4/MT − 4, K 10 rows. Transfer sts for st st.
MACHINES WITHOUT RIBBER
Push 54 Ns at left and 53 Ns at right of centre 0 to WP. 107 Ns. Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT − 1 and MC, K 5 rows. Using MT − 2, K 11 rows. Using MT − 1, K 5 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in MC evenly along the row. Unravel WY when work is completed.
ALL MACHINES
Inc 1 st at right edge. 108 sts. Set RC at 000. Using MT, K 11 rows. Using WY, K a few rows and release from machine.

PRESSING
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

TO MAKE UP
Using cross st, work border patt from chart along lower edge of st st on back, front and sleeves and on st st section of neckband. Work 1 repeat of main patt from chart at centre front. Join shoulder seams. Set in sleeves between markers. Join side and sleeve seams. Join neckband seam. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC.





A = 31[33,35,38]CM
B = 4CM
C = 14[17, 22, 24]CM
D = 17[17, 18,18]CM
E = 8.5[9.5, 10, 5, 12]CM
F = 14CM
G = 2 CM
H = 7CM
I = 21[23, 24, 28]CM
J = 34[34, 36, 36]CM
K = 40CM
L = 3CM

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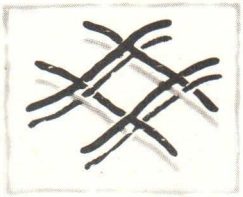


FAIR ISLE CHENILLE SWEATER

Wool and chenille make the perfect contrast in texture. Here, the black wool background sets off the delicate flower and stripe pattern in the bright chenille shades. A super style for every occasion!

For standard gauge punchcard and electronic machines with ribbing attachment.

SIZES:
To fit 81-86 (91-96, 101-106) cms, 32-34 (36-38, 40-42) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Col 1 (Black) – 350 (375, 425) grms (Yeoman Sport).
Col 2 (Fuschia) – 115 (125, 160) grms (Yeoman Chenille).
Col 3 (Turquoise) – 20 (25, 35) grms (Yeoman Chenille).

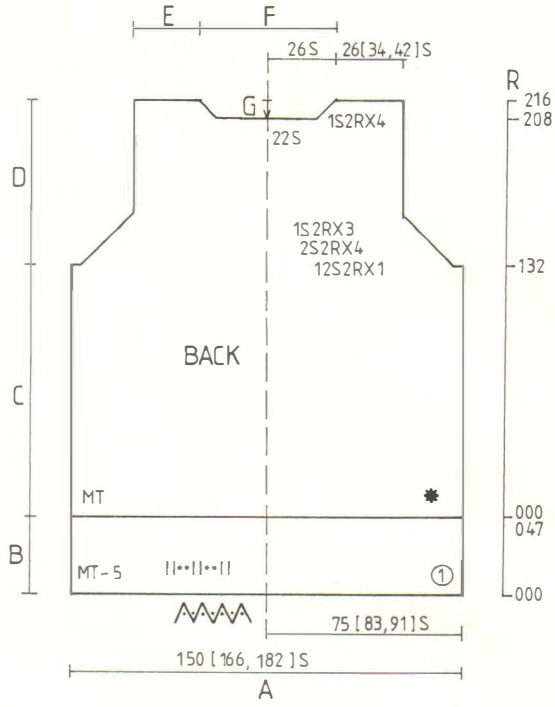
TENSION:
Fair Isle Pattern – 29 sts and 39 rows to 10 cms after steaming and drying flat. TD at approx 8 (MT).

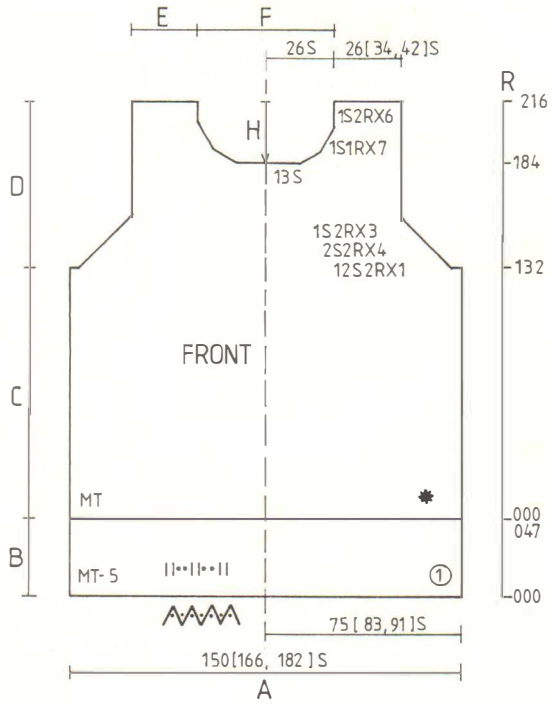
PATTERN NOTE:
Fair Isle Pattern – see chart.
Col 1 in feeder 1 only, K 4 rows. Col 1 in feeder 1, col 3 in feeder 2, K 4 rows. Col 1 in feeder 1 only, K 4 rows. Col 1 in feeder 1, col 2 in feeder 2, K 29 rows.

If you have any problems locating Yeoman's Sport or Yeoman's Chenille, please write to the address below for local stockist and mail order information. Please quote this issue of *Modern Machine Knitting*.

Yeoman Yarns
31 High Street
Kibworth
Leicester LE8 0HS

A = 51.5 [57, 62.5] CM	H = 8 CM
B = 10 CM	I = 35.5 CM
C = 33.5 CM	J = 19.5 CM
D = 21.5 CM	K = 31 CM
E = 8.75 [11.5, 14.25 CM	L = 24 CM
F = 18 CM	M = 46 CM
G = 2 CM	N = 3.5 CM





BACK
With ribber in position and carriage at left, set machine for 2 × 2 rib. Push 75 (83, 91) Ns at left and right of centre 0 to WP. 150 (166, 182) Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 2 rib. Using col 1, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT – 5, K 47 rows. Transfer sts to knitter. Set RC at 000. Using MT, cont in Fair Isle patt. K to row 132.

Shape Armholes
Shape as shown on diagram. 104 (120, 136) sts. K to row 208.

Shape Back Neck
Note position in patt. Shape as shown on diagram to row 216. Cast off rem 26 (34, 42) sts. Keeping patt correct, K left part as for right part.

FRONT
K as for back to row 184.

Shape Neck
Note position in patt. Shape as shown on diagram to row 216. Cast off rem 26 (34, 42) sts. Keeping patt correct, K left part as for right part.

50▶

ROUND HAT

For standard gauge machines with or without a ribber.

SIZES:
One size to fit average size head.

APPROXIMATE YARN TYPES AND AMOUNTS:
Many A Mickle Guernsey 5 ply.
MY (Denim) – 55 grms.

TENSIONS:
27 stitches and 34 rows to 10 cm, 4 in measured over stocking stitch (tension dial setting approximately 9).
47 rows to 10 cm, 4 in measured over 2 × 2 rib (2 × 1 N arrangement) on MT – 4/MT – 4 (tension dial setting approximately 5/5). For perfect results, please check your tension carefully.

PATTERN NOTES:
Knit side of fabric is right side of garment.

If you have problems locating many A Mickle Guernsey 5 ply, please write to the address below for local stockist and mail order information. Please quote this issue of *Modern Machine Knitting*

Many A Mickle
Brier Hey
Mytholmroyd
Hebden Bridge
West Yorkshire HX7 5PF

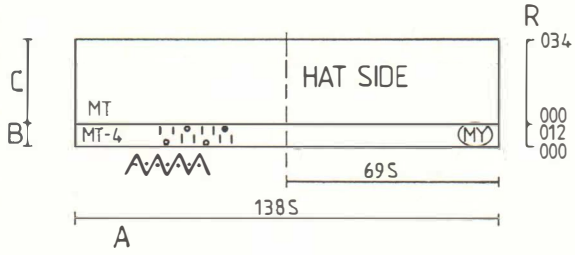
HAT SIDE
MACHINES WITH RIBBER
With ribber in position and carriage at left, set machine for 2 × 2 rib (2 × 1 N arrangement). Push 69 Ns at left and 68 Ns at right of centre 0 to WP. 137 Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 2 rib (2 × 1 N arrangement). Using MY, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT – 4/MT – 4, K 12 rows. Transfer sts for st st.
MACHINES WITHOUT RIBBER
Push 69 Ns at left and 68 Ns at right of centre 0 to WP. 137 Ns. Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT – 2 and MY, K 25 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in MY evenly along the row. Unravel WY when work is completed.
ALL MACHINES
Inc 1 st at right edge. 138 sts. Set RC at 000. Using MT, K 34 rows. Cast off.

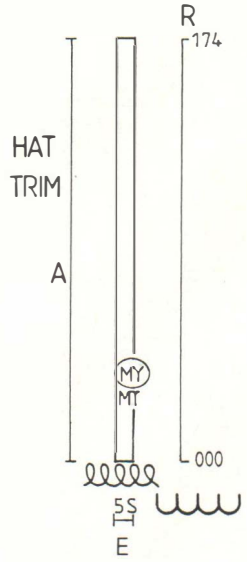
CROWN
Push 4 Ns at left and right of centre 0 to WP. 8 Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP.
Using MY, cast on by hand. Push Ns to UWP. Set RC at 000. K 1 row.
Cast on 5 sts at beg of next 2 rows, 3 sts at beg of next 2 rows and 2 sts at beg of next 4 rows. Inc 1 st at each end of next and foll 3 alt rows, K 1 row. Inc 1 st at each end of next and foll 3rd row. 44 sts. K 12 rows. Dec 1 st at each end of next and foll 3rd row, K 2 rows. Dec 1 st at each end of next and foll 3 alt rows, K 1 row. Cast off 2 sts at beg of next 4 rows, 3 sts at beg of next 2 rows and 5 sts at beg of next 2 rows. RC shows 55. Cast off rem 8 sts.

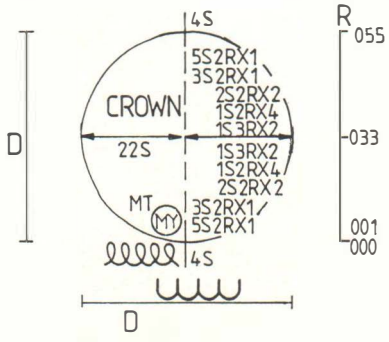
HAT TRIM
Push 5 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using MY, cast on by hand. Push Ns to UWP. Set RC at 000. K 174 rows. Cast off.

PRESSING
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

TO MAKE UP
Join cast off edge of hat side to crown, sandwiching hat trim between to allow to roll. Join back seam.







A = 51 CM	D = 16 CM
B = 2.5 CM	E = 1.75 CM
C = 10 CM	

51▶

Pattern 7

◀46

SLEEVES
Push 52 Ns at left and right of centre 0 to WP. 104 Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Cont in Fair Isle patt and shape as shown on diagram. 136 sts. K to row 132.

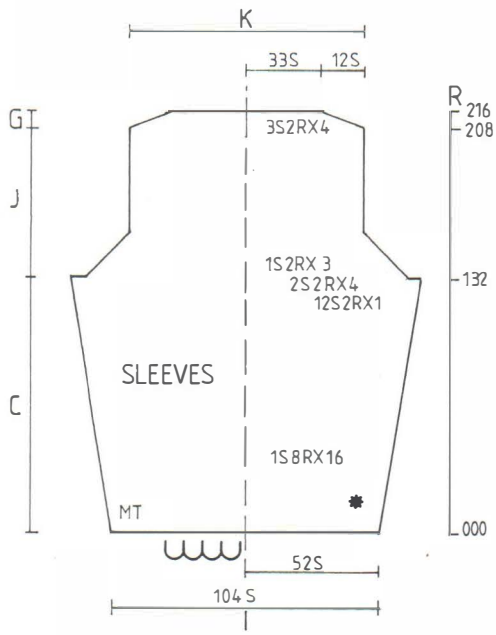
Shape Top
Shape as shown on diagram. 90 sts. K to row 208. Shape as shown on diagram to row 216. Cast off rem 66 sts.

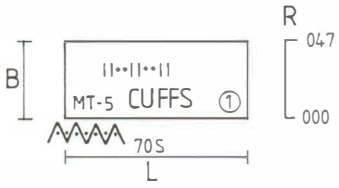
CUFFS
With ribber in position and carriage at left, set machine for 2 × 2 rib. Push 70 Ns on each bed to WP. Arrange Ns for 2 × 2 rib. Using col 1, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT – 5, K 47 rows. Transfer sts to knitter. With wrong side of sleeve facing, pick up sts from below WY and place on to Ns gathering evenly. Using MT, K 1 row. Cast off.

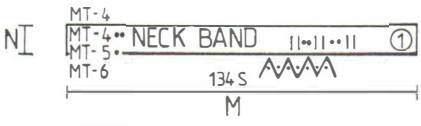
NECKBAND
Join right shoulder seam. With ribber in position and carriage at left, set machine for 2 × 2 rib. Push 134 Ns on each bed to WP. Arrange Ns for 2 × 2 rib. Using col 1, cast on and K 3 circular rows. Carriage is at left. Set machine for 2 × 2 rib knitting. Set RC at 000. Using MT – 6, K 4 rows. Using MT – 5·, K 4 rows. Using MT – 4··, K 4 rows. Using MT – 4, K 5 rows. Transfer sts to knitter. With wrong side facing, pick up sts around neck edge and place on to Ns. Using MT – 1, K 1 row. Cast off.

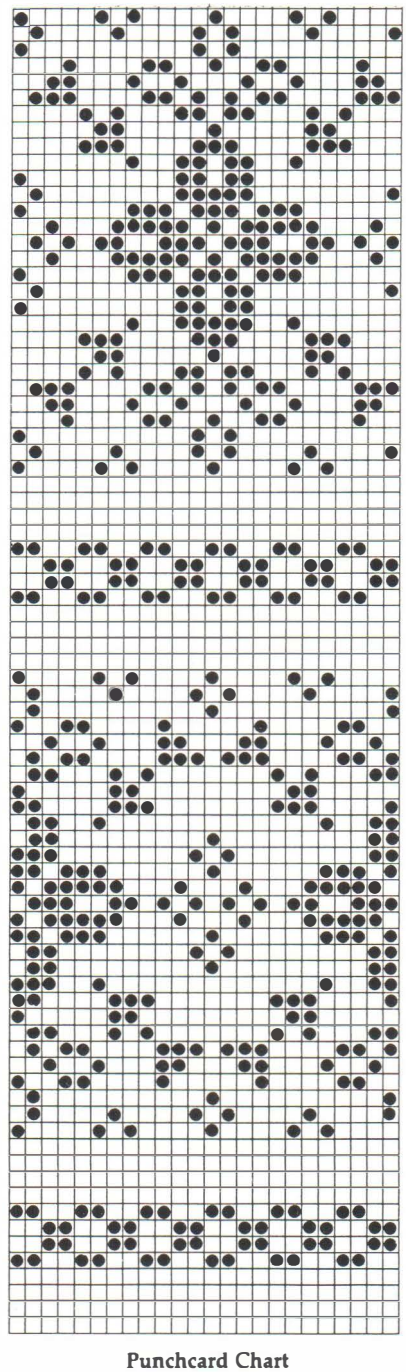
TO MAKE UP
Pin out to size and steam very lightly. Join left shoulder and neckband seam. Gather straight cast off edge of sleeves very tightly. Set in sleeves matching patt, with gathers at shoulder. Join side and sleeve seams. Give final light steam.

Designer's Note This fabric, when knitted, actually needs no further finishing other than to pull into shape and leave overnight to relax. The chenille gives a lovely raised effect against the smooth background. If you are at all uncertain, make up the garment without steaming.

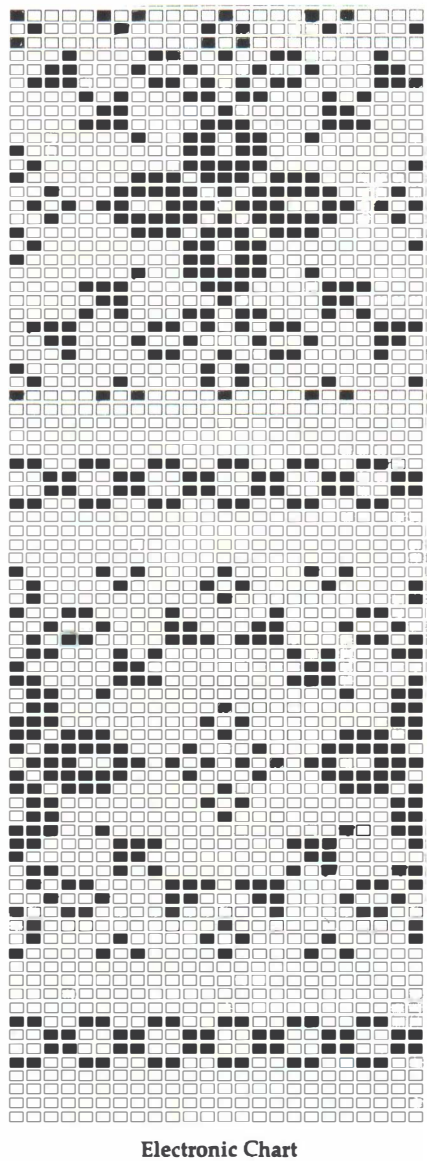








Punchcard Chart



Electronic Chart

◀48

SKI HAT

For standard gauge machines with a ribbing attachment.

SIZE:
One size to fit average size head.

APPROXIMATE YARN TYPES AND AMOUNTS:
King Cole Anti-Tickle 4 ply.
Col MC (Raspberry) – small amount.
Col C (Turquoise) – 95 grms.

TENSION:
31 stitches on each bed and 46 rows to 10 cm, 4 in measured over double rib (tension dial setting approximately 3/3). For perfect results, please check your tension carefully.

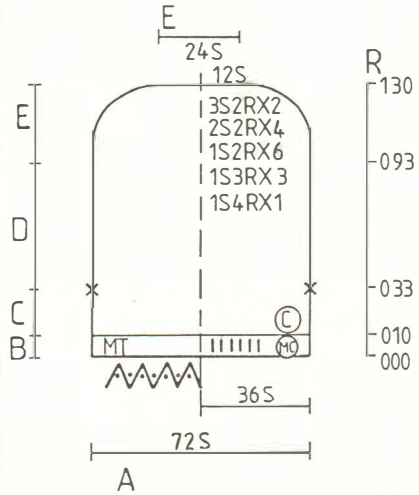
If you have any problems locating King Cole Anti-Tickle 4 ply, please write to the address below for local stockst and mail order information. Please quote this issue of *Modern Machine Knitting*.

King Cole Ltd
Merrie Mills
Old Souls Way
Bingley
West Yorkshire BD16 2AX

TO KNIT (2 PIECES)
With ribber in position and carriage at right, set machine for double rib. Push 36 Ns at left and right of centre 0 to WP. 72 Ns. Push corresponding Ns on ribber to WP for double rib. Using MC, cast on and K 3 circular rows in reverse. Carriage is at right. Set carriage for double rib knitting. Set RC at 000. Using MT/MT, K 10 rows. Using C, K 23 rows. Place marker at each end. K 60 rows.

Shape Top
Dec 1 st (on each bed) at each end of next row, K 3 rows. Dec 1 st (on each bed) at each end of next and every foll 3rd row until 62 sts rem on each bed, then on every foll alt row until 52 sts rem on each bed, K 1 row. Cast off 2 sts on each bed at beg of next 8 rows and 3 sts on each bed at beg of next 4 rows. 24 sts rem on each bed. Cast off.

TO MAKE UP
With right sides tog, backstitch around crown between markers. Turn to right side. Join from lower edge to markers. Fold to outside from markers and catch down.



A = 23 CM
B = 2 CM
C = 5 CM
D = 13 CM
E = 8 CM

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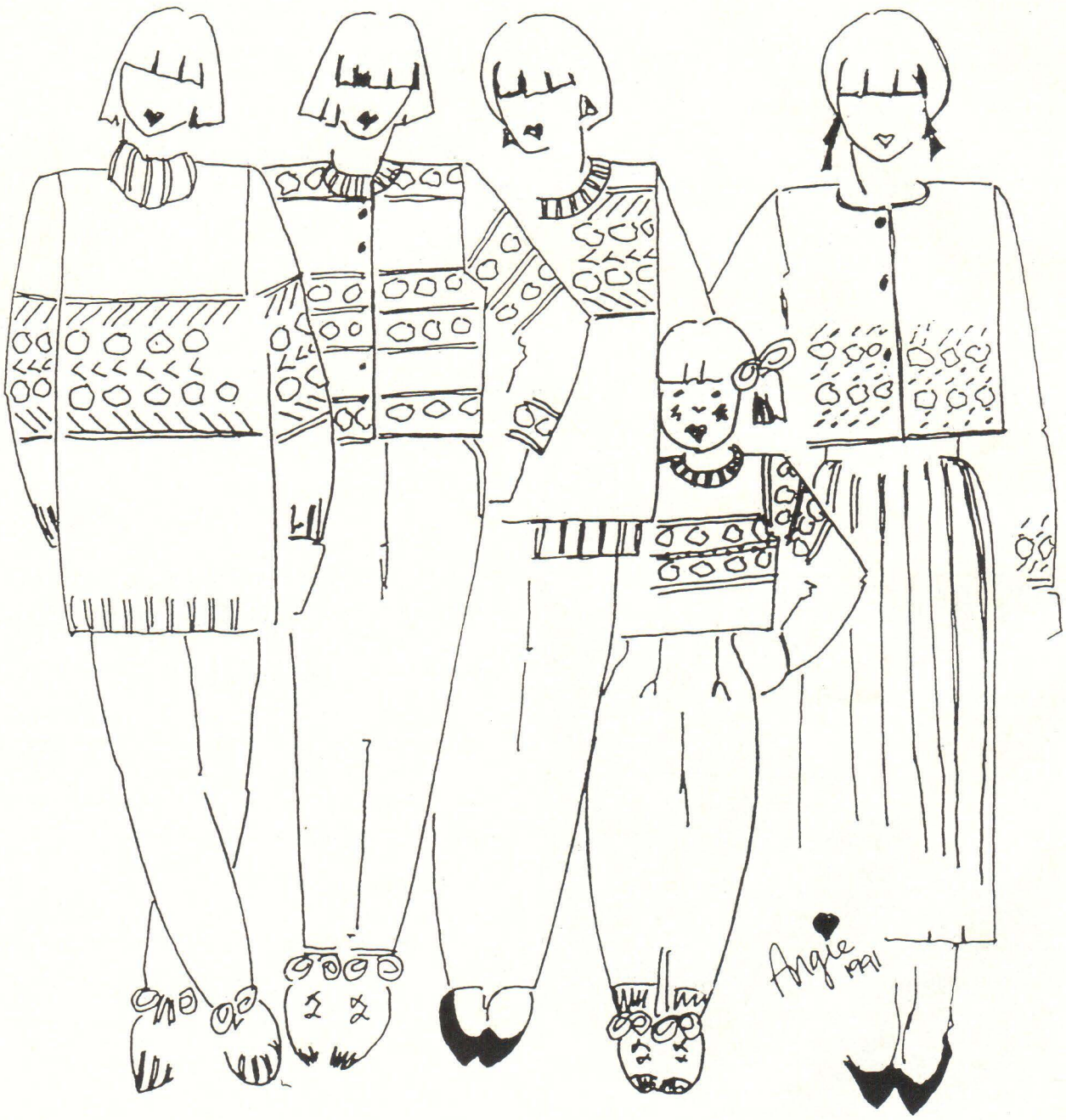
COMPETITION RESULT

Congratulations go to Mrs Wendy Graham of Lancaster who wins the Silver Reed Electronic AG50 Intarsia Carriage and KR11 Knit Contour prize in our October Competition.

The winning line 'LOSE YOU STAKES' can be read down the first vertical column of the grid with the following correct answers to the clues:

L AUREL
O SCARS
S ILENT
E ASTER
Y OUNG
O LIVER
U LYSSES
R AINBOW
S OLOMON
T AYLOR
A STAIRE
K EATON
E DITORS
S EVEN


Angie
1991

THE SWATCH SPOT

By Angie

Knitwear By Design

We'd like to welcome our new contributor, Angie Gibbons, who will be sharing some of her ideas and fabrics with Modern Knitting readers over the next few months. Angie trained as a fashion designer at Wessex College of Design in Worthing, Sussex and specialised in knitwear during her final year, with Mary Dowse as tutor. Angie went on to produce several knitwear collections for John Galliano, the 'wild boy' of fashion. During this period, she sampled many unusual yarns and produced a vast number of swatches as a basis for the main theme in each collection.

Angie is now a freelance designer and her recent projects include a collection of floral patterns and borders and punchcard designs for childrens' wear. In her spare time, Angie is prepared to give talks to knitting clubs. For more information telephone 0293 523805. Meanwhile, we hope you will find inspiration from her ideas in Swatch Spot.

Fair Isle patterns are traditional, infinite and fun. They are excellent for yarn and colour experimentation. Work your way across the colour spectrum and don't forget to try different yarn textures. Mix basic cottons and wools with chenille and bouclé's and see what stunning effects you can create. For something extra special, add a touch of metallic thread or yarn, or some beads or sequins.

Here are three border designs which are all based around a very simple flower head motif. All are knitted in cotton and, true to Fair Isle design, have short floats. I have used one neutral, one dark and two vivid colours for a bright effect. The designs would also look attractive in pastel shades or a selection of rich Autumn tones, but I will leave the colour experimentation to you. I have sketched some ideas to illustrate different ways of using these border designs. Add a touch of Fair Isle to your knitwear this winter and enjoy wearing a classic.

FABRIC INSTRUCTIONS

Yarn Used:

Forsell's 2 ply Super Combed Cotton.
Col 1 – 700 Calico
Col 2 – 735 Navy
Col 3 – 773 Saturn
Col 4 – 760 Poppy

Note: All colours are used 2 stranded. To avoid a lot of ends a four colour tension mast was used and the 'waiting' colours were hooked out of the way around the sides of the machine.

SWATCH 1

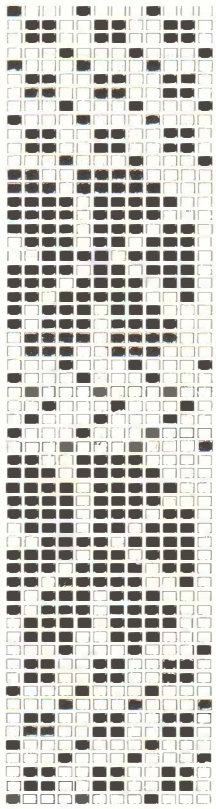
(*For Standard Gauge Punchcard and Electronic Machines*)

Push 20 Ns at left and right of centre 0 to WP (40 Ns). Insert card 1 and lock on row 1. Using col 1, cast on and knit 30 rows stockinet. Change to col 2 in feeder 1 and knit 2 rows. Release card and set carriage for Fair Isle.

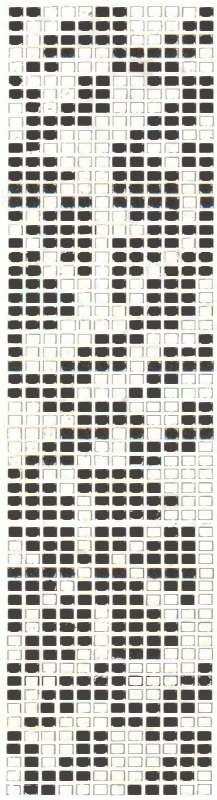
** With col 1 in feeder 1 and col 2 in feeder 2, knit one row.
* With col 1 in feeder 1 and col 3 in feeder 2, knit 2 rows.
With col 1 in feeder 1 and col 2 in feeder 2, knit 2 rows. *
Repeat from * to * once.
With col 1 in feeder 1 and col 3 in feeder 2, knit 2 rows.
With col 1 in feeder 1 and col 2 in feeder 2, knit one row. **
With col 1 in feeder 1 and col 4 in feeder 2, knit 14 rows.
With col 1 in feeder 1 and col 2 in feeder 2, knit 7 rows.
With col 1 in feeder 1 and col 4 in feeder 2, knit 14 rows.
Repeat from ** to ** once.
Lock card and set carriage for stockinet.
With col 2 in feeder 1 only, knit 2 rows.
With col 1 in feeder 1 only, knit 30 rows.

Cast off. Sew in ends. Give swatch a light steam.

54▶



Card 1



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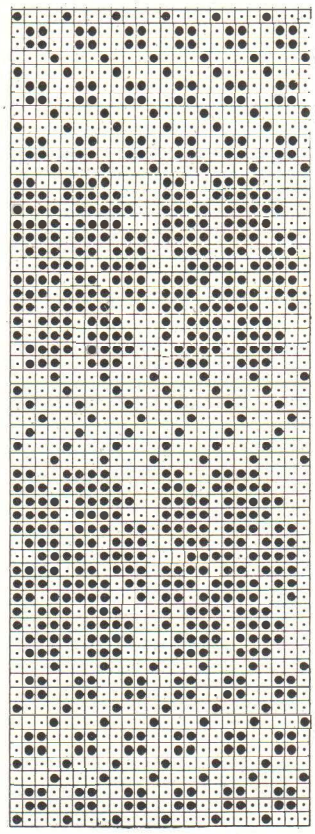
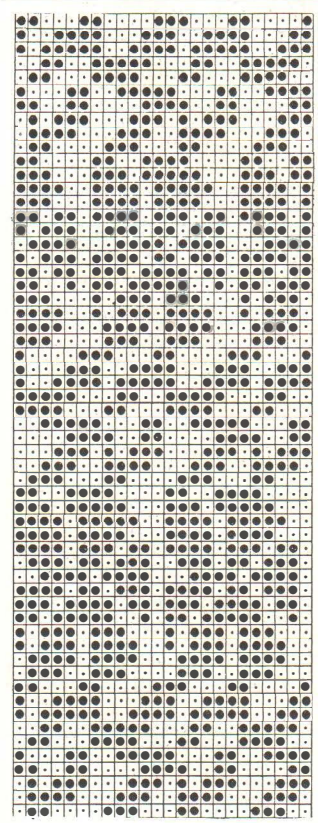
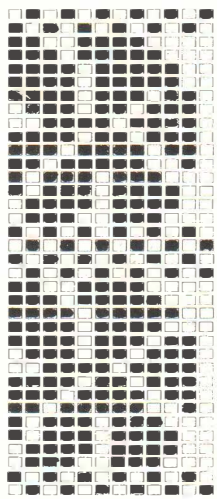


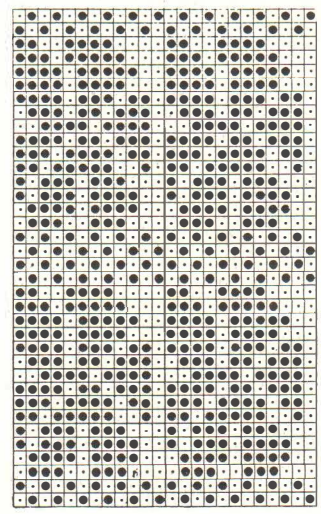
Card 1



Card 2



Card 3



Card 3

SWATCH 2
(*For Standard Gauge Punchcard and Electronic Machines*)
Push 20 Ns at left and right of centre 0 to WP (40 Ns). Insert card 2 and lock on row 1. Using col 2, cast on and knit 30 rows stockinet. Release card and set carriage for Fair Isle.
* With col 2 in feeder 1 and col 3 in feeder 2, knit 10 rows.
With col 2 in feeder 1 and col 4 in feeder 2, knit 14 rows. *
Repeat from * to * once.
With col 2 in feeder 1 and col 3 in feeder 2, knit 10 rows.
Lock card and set carriage for stockinet.
With col 2 in feeder 1 only, knit 30 rows.
Cast off. Sew in ends. Give swatch a light steam.

SWATCH 3
(*For Standard Gauge Punchcard and Electronic Machines*)
Push 20 Ns at left and right of centre 0 to WP (40 Ns). Insert card 3 and lock on row 1. Using Col 2, cast on and knit 30 rows.
Change to col 3 in feeder 1 only and knit 2 rows.
Release card and set carriage for Fair Isle.
With col 2 in feeder 1 and col 1 in feeder 2, knit 2 rows.
Lock card in position and set carriage for stockinet.
With col 3 in feeder 1 only, knit 2 rows.
* Release card and set carriage for Fair Isle.
With col 2 in feeder 1 and col 4 in feeder 2, knit 14 rows.
Lock card in position and set carriage for stockinet.
With col 3 in feeder 1 only, knit 2 rows.
Release card and set carriage for Fair Isle. *
With col 2 in feeder 1 and col 1 in feeder 2, knit 4 rows.
Lock card in position and set carriage for stockinet.
With col 3 in feeder 1 only, knit 2 rows.
Repeat from * to * once.
With col 2 in feeder 1 and col 1 in feeder 2, knit 2 rows.
Lock card and set carriage for stockinet.
With col 3 in feeder 1 only, knit 2 rows.
With col 2 in feeder 1 only, knit 30 rows.
Cast off. Sew in ends. Give swatch a light steam.

1

2

3

HOW TO WORK FROM A DIAGRAM PATTERN

The pattern instructions in Modern Knitting are in the form of a diagram pattern, which is by far the easiest form of knitting pattern to use. However, if you are not familiar with diagram patterns, Here's a step by step guide which will teach you to use this easy-to-follow pattern system. Study the symbols on next page carefully then work through the diagram following the written explanation alongside. You'll find it quite straightforward and, once you have knitted your first couple of patterns using this system, you'll wonder how you ever coped with those long winded written patterns.

First of all, take a look at the diagram itself. The diagram is divided into two halves. On the right side you'll find all the stitch and row references while on the left side you can see we've given all the measurements which will help you when pinning your knitted pieces out to size. In addition, you'll find certain items of information on the diagram such as the needle arrangement for the rib, the type of cast on you should do and any other relevant information you might need. As you can imagine, once you are familiar with this type of pattern, you'll be able to see at a glance just what's involved in the knitting of each design without having to read the whole pattern.

Starting at the lower edge, your first instruction is ^^^^ 60S. This tells you to cast on 60 stitches using the ribber.

!!!!!!!! tells you to arrange the needles for a 1 × 1 rib.

000 at the bottom right hand corner tells you to set your Row Counter to 000.

MT-3 tells you to set your Tension Dial to 3 numbers lower than the Main Tension.

The first row number given is 006, so knit to row 6.

The line across the diagram at row 6 tells you that you have finished knitting the rib, so transfer the stitches from the ribber to the main machine.

000 at the right hand edge tells you to turn your Row Counter back to 000.

MT tells you to set your Tension Dial to the Main Tension. Continue knitting until your next instruction which is on row 40.

The diagram pattern shows you that you are now at the stage for shaping the armholes. **Although the shaping instructions are shown on one side of the diagram only, they should be worked on both sides, since the diagram shows there is the same armhole shape on the left side.** If you find it easier to begin with, pencil in the same instructions on the left side to remind you that you have only been given the instructions for one armhole.

1S.1R×2 is the instruction.

1S tells you how many stitches to decrease.

1R tells you how many rows after each decrease.

×2 tells you how many times to decrease.

Therefore, 1S.1R×2 means:-

Decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit one row.

Decrease 1 stitch on both sides, knit 1 row.

The next instruction is 1S.2R×1. Therefore, decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit 2 rows.

The next instruction is 1S.3R×2.

Therefore, decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit 3 rows.

Decrease 1 stitch on both sides. Knit 3 rows.

Your next instruction is not until Row 68 therefore knit to row 68 without shaping.

The diagram pattern shows you that you are now at the stage for shaping the neck.

The symbol ▼ tells you to divide the work in half and knit each side separately.

Therefore, either push the needles at left into holding position, or knit them onto waste yarn and remove from the machine. Now knit the right side as follows: —

5 S tells you that 5 stitches form the base of the neckedge.

Therefore, using a length of main yarn, cast off 5 stitches.

Your next instructions are for the neck shaping

2S.2R × 1
1S.2R × 2
1S.1R × 1

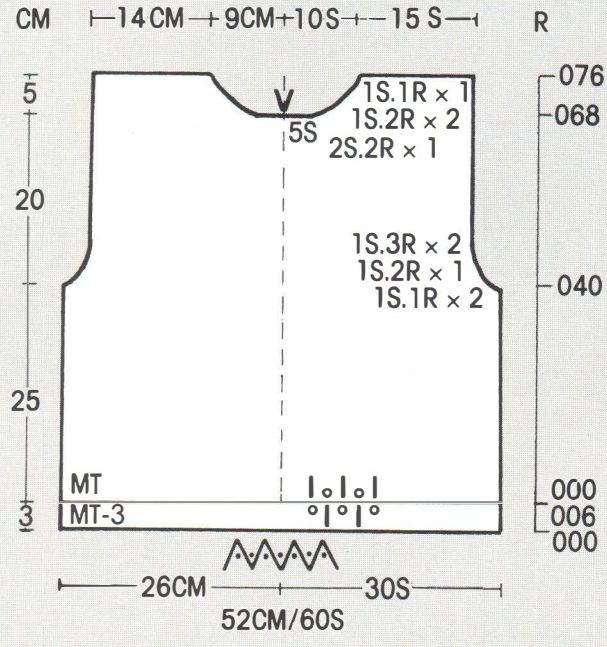
and should be carried out in the same way as before.

The last instruction is on row 76 where the straight line shows you should cast off the remaining 15 stitches.

Then, of course, you must turn the Row Counter back to 68 and knit the left half of the neck in the same way.

For those of you who are new to diagram patterns, the important points to remember are: —

1. The stitch, row and shaping references are on the right half of the diagram.
2. Shaping instructions are given for the right side of the diagram only. They should be repeated on the left if the diagram shows there is the same shape on the left.
3. A shaping instruction such as 2S.1R × 3 means decrease 2 stitches, knit 1 row, 3 times in all.
4. Don't worry too much if you find you're the odd row or stitch out on your first couple of attempts. Nobody will notice and you'll soon get the hang of using diagram patterns and wonder how you ever managed without them.



SYMBOLS FOR THE DIAGRAMS

Closed edge cast-on	Turn up a hem
Cast-on using waste yarn	Pattern stitch
Closed edge cast-on with ribber	R — Row
Loose row	MT — Main Tension
Needle arrangement 1 = needle in work position 0 = needle in non-work position	V — Divide work in half and knit each side separately
	Repeat
S = Stitches	
( ) Larger sizes	**2S.2R x 3** is an example of shaping instructions shown on the diagram. The shape of the diagram will indicate whether you are required to increase or decrease. 2S.2R x 3 would mean decrease (or increase) 2 stitches, knit 2 rows, 3 times in all.
① Colour	

Abbreviations

Alt	— Alternate
Approx	— Approximately
Beg	— Beginning
Corr	— Carriage
Cm(s)	— Centimetre(s)
Col	— Colour
Dec	— Decrease
Ev	— Every
Foll	— Following
HP	— Holding Position
Inc	— Increase
MT	— Main Tension
N	— Needle
Ns	— Needles
NWP	— Non Working Position
Patt	— Pattern
Pos	— Position
Rept	— Repeat
Rem	— Remaining
RC	— Row Counter
St	— Stitch
Sts	— Stitches
TD	— Tension Dial
Tog	— Together
UWP	— Upper Working Position
WP	— Working Position

YARNS USED IN THE PATTERNS

For your reference we have included an actual size representation of the yarns we have used in the patterns this month. You may find it useful to see how each particular yarn looks before it has been knitted into a garment and it will be particularly useful when we haven't quoted a brand of yarn, simply a type of yarn.
Our overseas readers will also find it helpful since not all the yarns will be available in all countries. However, having said that, it will certainly be worthwhile writing to the spinners listed in our Stockist Information to see if there is an overseas mail order service available.

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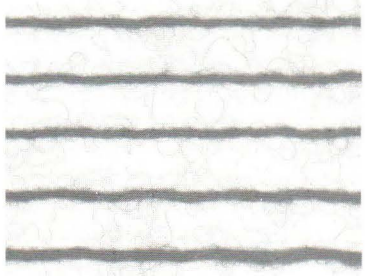

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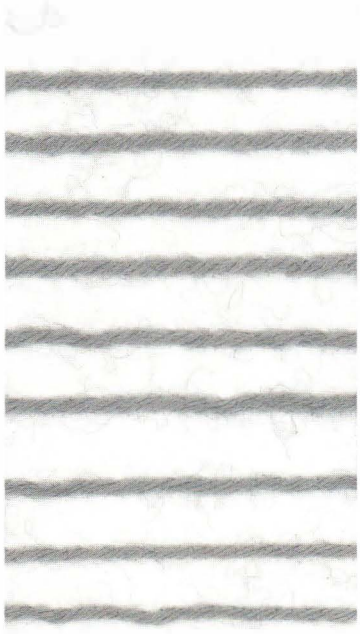

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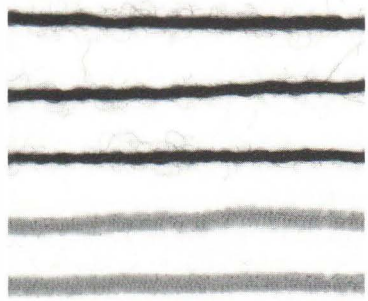

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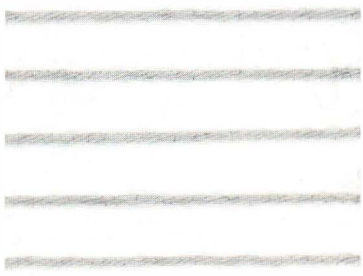

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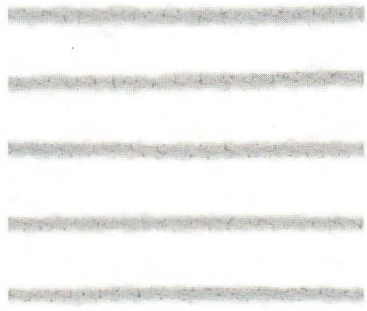

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KNITMASTER zippy 90 machine £75 ono., also table, £12. Brother new S.B. colour changer, £50. Intarsia carriage new, £25. Wool winder, £5. Tel: 561527 (Bristol).

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BROTHER 840 complete with lace carriage, hardly used, £230. Tel: (0525) 716569 (Bedfordshire).

BROTHER 260 chunky punchcard with ribber, £400. Brother chunky intarsia carriage, £25. Tel: (0273) 305990 (Brighton).

KNITMASTER zippy de-luxe, £180. SInger big nine, £150. Never used. KR7 knitradar, £60. Tel: (0532) 868635 (Leeds).

BROTHER KG93 garter carriage new, £160. Tel: (0722) 333106 (Salisbury, Wilts).

KNITMASTER 360KL with SRP ribber, punchcards, vgc. Includes lace carriage radar etc. £395. Tel: (0270) 761682 (Cheshire).

KNITMASTER 700, SRP 60 ribber, intarsia, radar, separate lace carriage, table, many extras. Little used, hence immaculate condition, £450. Tel: (0246) 864506 (Chesterfield).

KNITMASTER 360KL £300. SRP ribber 50 £100. YC5 colour changer £40. Linker £29. RT1 Transfer carriage £29. Intarsia carriage £12. Sell complete for £400. (Tel: 081–393 6707 (Nr. Epsom).

SINGER freestyle knitting machine. Top model. D/bed with memomatic, motor drive and many extras, as new. Cost new £1200. Offers considered around £800. Tel: (0449) 766052 (Stowmarket).

BROTHER 910 Electronic Mark II £300. Intarsia carriage, boxed as new, £20. Tel: (0375) 858281 (Tilbury Area).

KNITMASTER Electronic 580 £650. SRP 60N ribber, £200. Both new used twice, linker £20. Payment by instalments possible! Lessons and lots patterns, wool included. Tel: (0626) 61856 (Newton Abbot).

PASSAP Duo 80 (cream) 4 colour changer, deco forma, electra 3000 motor cover. Excellent condition hardly used, £700. Tel: 081–806 6155 (East London).

KNITMASTER 260 with ribber, lace carriage, knit radar and linker. Extra lace cards and punch cards, £350. Tel: (0786) 75207 (Stirling) after 6pm.

V.H.S. instructional video for Singer Electronic Machines. Tel: (0225) 755481 (Trowbridge).

PASSAP Duo 80 4cc. Stand, extras just serviced, £495. Brother 881 with lace carriage built in Knitleader vgc, £200. Tel: (0487) 812149 (Ramsey, Cambs).

KNITMASTER 323 ribber, SRP 50 and knitmaster machine for spares, £200 ono. Brother linker KA 8310, £35. Tel: 061–775 7294 (Manchester).

KNITMASTER KR 6 knitradar and weaving attachment. Both boxed and never used. Bought for knitmaster 120, £45 for both. Tel: 061–626 3649 (Oldham).

SINGER Memo II double bed knitting machine with transfer carriage. Boxed as new only used twice, vgc. Bargain at £300 ono. Tel: (0489) 785970 (Botley).

BROTHER KH260 and ribber, Knitleader, intarsia carriage. Intarsia wool mast, extra punchcards, wool pattern books. Immaculate condition, £550. Tel: 021–356 4073 (Birmingham).

KNITMASTER SK890 Chunky with ribber. 8 months old £650; Table £10; Wool £25; Ribber covers £7; Marion Nelson Chunky Sweaters £3. Tel: (0698) 87544 (Airdrie, Scotland).

PASSAP Duo 80 punchcards, punch, blue stripper £450; U100 £50; Knitmaster Chunky 151 with ribber £300. Going electric. Tel: 021–550 4544 (Halesowen).

KNITMASTER 700KL Immaculate condition, ribber, lace carriage, table, knit radar, rib transfer carriage, SC-3 punch punchcards plus other extras £450 ono. Tel: (0734) 303852 (Reading).

FOR SALE

BROTHER KH830 Lace Intarsia Carriages, punch punchcards, books, yarns. Excellent condition £220. Tel: (091) 5861324 (Peterlee).

BROTHER 950 Electronic, used twice, boxed, table, electric design library, 950 video, Brother Electrokit patterns (4 books), 2 packs printed Mylars, K. Kinder 'Electronic Knitting' £675. Tel: (0202) 393408 (Bournemouth).

NEW HOLME Sewing Machine, brand new two months old. Genuine reason for sale £220 ono. Tel: (0253) 63745 (Blackpool).

BROTHER 260 Chunky Machine and Ribber, table £400 v.g.c, many extras, also Knitmaster Electronic 560 with knit radar (built-in), lace carriage, v.g.c. £250. Weaving-arm-std (Knitmaster) £25 and KL116 Knitleader £60. Tel: (0922) 58163 (Aldridge).

KNITMASTER 321 with ribber £175. Unused Knitmaster AG20 Intarsia carriage, boxed, £12. Tel: 021–451 3213 (Birmingham)

BROTHER KH881, Ribber, Knitleader, Intarsia carriage, Keyto cabinet, bench punch, punchcards, manuals, tools, wool. £500 ono. Tel: (0603) 867106 (Norwich) after 6 p.m.

KNITMASTER 321, 323 or 326, good condition. Tel: (0782) 774002 (Stoke-on-Trent).

BOND KNITTER with extensions. Instructions, patterns, magazines, Intarsia Keyplate, stitch gauge, zipped carrybag. Ideal. Mohair homespun yarns, D.K. etc. £60. Tel: (0903) 46024 (Worthing).

KEYTO Kneat knitter, plus bench £100 ono. Also Pfaff patterns plus form computer £80 ono. Punch for Pfaff £15. Tel: (0731) 20 765 (Peterborough).

KNITMASTER 155 Chunky Punchcard Knitter with ribber, as new £450 ono. Brother KH950, as new with ribber £850 ono. Tel: (0909) 771402 (Sheffield).

BROTHER 881 knitting machine with built-in Knitleader, punchcard, lace carriage £210. Tel: (0258) 820643 (Sturminster Newton).

SINGER 600 Memo 11 £150. Intarsia carriage £25. Various extras offers. Tel: (0959) 77028 (Westerham).

BROTHER KH881 with lace carriage, built in Knitleader punchcards. Intarsia plus ribber £400. Horn cabinet with seat £200 as new. Tel: (70832) 354979 (Tonbridge).

BROTHER KH260 with KR260 Ribbing attachment, Table, Books, plus some wool, never used. New £425 ono. Tel: (0489) 737404 (Southampton) after 6pm.

BROTHER 836 Punchcards, table manuals as new £195. Toyota 950 ribber lace attachment £350. Tel: (0489) 572400 (Southampton).

KNITMASTER 326 knitting machine, punchcard and knitradar, instruction manual and patterns complete with knitting table. £120. Tel: (0706) 828508 (Ramsbottom).

KNITMASTER 155 Chunky punchcard machine with Intarsia carriage £250 ono. Free knitting table and patterns. Hague electric Linker £150 ono. Yarn available cheap. Tel: 021–554 7646 (Birmingham).

KNITMASTER Punchcard sets Lace 62 65 Toyota 5021 £2.50 each. Knitmaster Punch pattern sets M1001 M1002 M1007 M1009, 30 £1 each. Intarsia patterns £2.50. Tel: (0865) 511057 (Oxford).

KNITMASTER 360KL complete with ribber, lace carriage, Intarsia carriage, instruction books, punchcards, punch, spare punchcard roll, excellent condition £295. Tel: 081–941 5823 (Hampton).

PASSAP Duo with motor, four colour changer, Deco U80 former instruction books, pattern books. £750 ono. Tel: (04023) 49567 (Romford).

KNITMASTER SK580 Electronic, hardly used. Plus SRP60 ribber, PE1 design controller, Intarsia Carriage, Table, accessories

FOR SALE

£850. Electronic Linker £200. YC6 colour changer £95. Many books P.O.A. Tel: 081-878 9474 (London).

PASSAP Model Books nos. 3–36 offers invited. Brother KH 860 machine, Lacer Table, Woolwinder Punch, many extras all in excellent condition £200. Tel: 081–297 8619 (Lee Green).

TOYOTA KS901, KR506 Ribber, Tilt Table, lace carriage knit tracer, manuals, Intarsia carriage, transfer carriage £300 the lot. Tel: (0532) 829404 (Leeds).

BROTHER KH260 Chunky 24 Stitch Punch Card knitting machine with ribber and table £395 ono. Tel: (0203) 345638 (Nuneaton).

ANN KITES Videos No 4 and No 5 for Electronic Knitmaster *Betamax* £45. Not used much. Tel: 765073 (Uckfield).

KNITMASTER 328 Punchcard machine £90. Ribber as new £180. Table £10. Wool winder £8. Tel: (0275) 856461 (Nailsea).

TOYOTA KS787 24 Stitch Punchcard Machine with ribber, simulknit table lacer, knittracer, punch winder, books, magazines, extra punchcards all in excellent condition £300. Tel: 081–852 9871. (Lewisham).

BROTHER 881 with Ribber and extras £400, Garter Carriage £130, Transfer Carriage £30, Intarsia Carriage £20, Keyto cabinet bench £50, KL116 Knitleader £50 (new). Tel: (0706) 843816 (Rochdale).

BROTHER 260 Chunky Punchcard knitting machine with Ribber and Intarsia carriage, immaculate condition, used about five times. Will separate if necessary. Buyer collects. Tel: 041–647 1862 (Rutherglen).

BROTHER KH881 with built in Knitleader, Intarsia and lace carriages, instructions, over 100 punchcards, 12 Kilos coned yarn £290. Tel: (0268) 521728 (Billericay) evenings.

SINGER Sewing Machine Cabinet, mahogany finish, drawers, work surfaces, storage tray and mirror, v.g.c. Castors and brakes, buyer collects. View by appointment. £200 ono. Tel: (0932) 345187 (Byfleet).

KNITMASTER Transfer Carriage RT1 £40 and AG20 Intarsia Carriage £12. Both excellent condition. Also some books for sale. Tel: (0582) 765705 (Harpenden).

BROTHER 260 Chunky Machine, punch cards £295. Brother 901 Electronic Machine £295. Tel: 061–748 2117 (Manchester).

KNITMASTER 700 with punchcard and punch, used twice, excellent condition also knitting table £250. Tel: (0895) 445679 (Cowley).

JONES 830 not been used £175. Knitmaster 321 Excellent condition £125. Pink Passap plus motor, good working order £225. Tel: (0752) 408393 (Plymouth).

TOYOTA 901 Knitting machine plus ribber, lace carriage, punchcards, instruction manuals, excellent condition £399. Tel: (0204) 709855 (Bolton).

BROTHER 230 Used twice, table and wool included. Bargain at £100 or reasonable offer. Tel: (0483) 63171 (Guildford).

KNITMASTER 155 Chunky Punchcard with ribber, Intarsia carriage, table v.g.c. £400. Tel: 051–226 3374 (Liverpool) after 6 pm.

BROTHER Jones Knitting machine, new lace carriage, fairisle, intarsia, tuckstitch, weaving £150 ono. Tel: (0703) 446216 (Southampton).

BROTHER Garter Carriage KG93 cost £260 accept £180. Genuine reason for sale. Tel: (0908) 606462 (Milton Keynes) after 7.30pm.

MOSAIC Floatless Fairisle by Kathleen Kinder £4 including postage. Tel: (0745) 825948 (Abergale).

MACHINE KNITTERS YARN for sale, complete stock of pure woods, shetland on cones, bright colour ranges £80 reduced from £250, ideal business starter stock. Tel: (0749) 840487 (Avon).

FOR SALE

BROTHER KH840 Punchcard knitting machine with lace carriage v.g.c. £250. LC2 lace carriage £140 or swap for Chunky machine. Tel: (0734) 732912 (Wokingham).

KNITMASTER 700 plus extras. Radar sheets, punchgun, punchcard roll vgc plus extras £95. Toyota 901 ribber tracer, stand, Intarsia lacer £300. Tel: 883365 (Derby).

TOYOTA KS901 Lace carriage, punchcards, punch. £200 ono. Tel: (0244) 570128 (Chester).

RICCAR 9000E Electronic sewing machine, complete with manual and all accessories, excellent condition £250. Tel: (0522) 681949 (Lincoln).

KNITMASTER 150/151 knitter and ribber chunky, also several books only ten months old £360 v.g.c., only used twice. Tel: 021–350 8068 (Birmingham).

PASSAP M201 with automatic feed and ribber. Good working order, collectors item or for spares. £20. Tel: (0225) 427631 (Bath).

DEFENDI Linker cost £300 accept £250 ono. Singer Electronic model 2310 as new, rarely used with table £450 ono. Tel: (0942) 892531 (Atherton).

PASSAP DUO 80 with 4 colour changer, Deco, U70 punchcards, pattern books. Excellent condition. £450. Tel: (0278) 426350 (Bridgwater).

BROTHER KH910 MK11 Electronic with Lace Carriage £300. KH 881 with Knitleader and lace carriage £190. KG88 MK11 Garter carriage to fit either machine £200. Tel: (0798) 831821 (W. Sussex).

BROTHER 881 Ribber £300. 836 £150. 800 Ribber £150. 710 £65. Black coned Angora 3p gram. other yarns 1p gram. Surplus to Tutor's requirements. Tel: (0394) 270607 (Felixstowe).

KNITMASTER 560 Electronic Lace carriage, Knitradar recently serviced by Knitmaster £325. Tel: 023374 589 (Ashford).

KNITMASTER 155 Chunky Machine plus ribber. Intarsia carriage, punchcards. Ribber, punchcards, wool. Lots of wool. Only used 3 times. Bargain at £500. Tel: (0222) 549864 (Cardiff)

KNITMASTER Zippy plus with SRP60N ribber, lace and Intarsia carriages, YC 6 colour changer, knit radar, rib transfer, automatic linker with instructions and boxes £550. Tel: (0509) 230159 (Loughborough)

PUNCHCARD Pattern Vol 4, Knitting pattern vol 11, both books suitable for Japanese Punchcard machines £10 each. Pan Book Machine Knitting £5. Calcuknit knitting calculator £50. Tel: (0952) 592317 (Telford).

PASSAP Duo 80, heavy duty motor, Deco, form computer 4 colour changer, lots of punchcards very good condition £650. Tel: (0268) 779573 (Rayleigh).

KNITMASTER F370 Fine gauge and ribber, radar punchcards, complete with manuals, tools, in new condition £300. Tel: (0502) 562044 (Lowestoft).

SINGER System 9000 four colour changer, moniter, transfer carriage, electric motor £1400. Passap DUO 80 Deco form computer, transfer carriage £400. Tel: (0582) 413641 (Luton).

BROTHER KH830 Standard gauge punchcard machine, with lace carriage, spare needles, extra punchcards, manual, tools, boxed. Nearly new–hardly used £180. Tel: (0502) 565624 (Lowestoft).

BROTHER 860 with 850 ribber, lace carriage, table and cover, loads of magazines, books and wool. Excellent condition £280 ono. Tel: (0272) 343480 (Bristol).

KNITMASTER 260 Punchcard machine and ribber plus lace carriage £250, ideal for beginner – gone electronic. Tel: 081–316 5516 (London).

BROTHER Chunky KH260 plus ribber plus KH900 yarn changer with manuals and punchcards. Hardly used, well looked after £410 the lot. Gone Electric. Tel: 055–722 275 (Ringford).

FOR SALE

TOYOTA 950 'with all in one' action lace carriage, knit tracer, plating feeder, punch, punchcards £275 (Gone electronic). Tel: (0742) 463973 (Sheffield).

KNITMASTER Knitting machine model 360K, punchcard plus table £150. Tel: (0703) 449407 (Southampton).

BROTHER KH260 Chunky Punchcard, Ribber Knitleader, Table and yarn inc. mohair as new £550. Tel: (0295) 258389 (Banbury).

BROTHER 830 plus 850 Ribber transfer carriage, punch, punchcards, all instruction books, excellent condition. Offers around £300 for the lot. Tel: 353933 (Hereford).

KNITMASTER 151 Chunky machine and ribber plus KR7 £320 ono. Tel: (0272) 712730 (Bristol).

TOYOTA KS 901, Ribber KR 501, Knit tracer K33, accessories, manuals, table, not used £350 ono. Tel: 081–684 1932 (Thornton Heath).

TOYOTA 858 with 506 ribber, includes tracer, Intarsia/lace carriages, punch and punchcards, Table £225, will possibly separate. Tel: 081–3029664 (Sidcup) before 7.30 pm.

BROTHER 950 Electronic, ribber, transfer carriage, Knitleader, cabinet, colour changer, 8 yarn mast cones, branded yarns, books, electric woolwinder £1000 ono. Will separate. Tel: 081–349 2603 (London) Sun.–Thurs.

PASSAP Duo 80, 4 Colour changer, Deco, Form computer, Forma U70 with instruction books. Will not separate. £550. Tel: (0202) 665178 (Poole).

BROTHER 260 Chunky machine with ribber, table, punchcards, books, wool. Excellent condition as new, hardly used £450. Tel: (0733) 325256 (Peterborough).

FOR SALE

KNITMASTER 700 Machine, SRP 50 ribber. Boxed YC6 colour changer, LC2 Lace Carriage, SC3 Auto linker, RT1 transfer carriage, cabinet. Bench seat ex. condition. Offers. Tel: (0782) 643760 (Stoke-on-Trent).

KNITMASTER YC6 colour changer, never used, still boxed £97. Intrasia carriage also boxed £12, Knitmaster Electronic, radar, accessories. Bargain £140. Tel: (0495) 291551 (Gwent).

KNITMASTER 155 Chunky Punchcard ribber. Knitrader, books, covers many extras, very good condition, used twice, room needed £450. Tel: (0344) 425835 (Bracknell).

BROTHER KH260 Chunky Punchcard Machine £150. Knits mohair, punch lace, fair isle tuck, slip stitch plus instruction book and table. Tel: (0843) 228495 (Margate).

PFAFF Duo 80 four colour changer, Deco form computer, U70 Electra 3000A motor, punch patterns, £600. Tel: (0954) 781406 (Cambridge).

KNITMASTER 580 Electronic, PE1 Controller, SRP50 ribber, lace carriage, RT1 transfer carriage, SC3 linker, AG20 Intarsia carriage, YC6 colour changer, table, Knitmaster electric linking machine, many extras. £1200. Tel: (0952) 249607 (Telford).

TOYOTA 950 knitting machine, one action lace carriage plus KR506 ribber, £350. Brand new colour changer and extension rail, £70. Tel: (0742) 321397 (Sheffield).

TOYOTA 950 and 506 ribber plus table, boxed, excellent condition, £350. Tel: (0628) 74564 (Maidenhead).

BROTHER 260 Chunky punchcard machine with ribber, Intarsia, punch, table, excellent condition, £500 ono. Tel: (0203) 360085 (Coventry).

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FOR SALE

BROTHER KH836 punchcard plus lace carriage, 2 years old with light use, £225 ono. KG88II garter carriage (year old) very reliable, £200. Gone electronic. Tel: (0474) 560127 (Gravesend)

PASSAP electronic 6000 four colour changer, form books, patterns, as new £1000. Used for one garment only. Tel: (0978) 845986 (Wrexham).

KEYTO linker cabinet, brand new, never used, unwanted gift, retails at £89.95, no reasonable offer refused. Tel: 081–205 6890 (Edgware, Middx).

KNITMASTER Zippy plus knitting machine, virtually unused, latest model, £250 ono. Tel: (0207) 542551 (Newcastle).

KNITMASTER 700, SRP60N ribber, lace carriage, YC5 colour changer, table, rib transfer carriage, ribber covers, punch, many punchcards, multi-yarn brake, £595 ono. Tel: (0827) 712480 (Atherstone).

SINGER 2310 memomatic double bed with selection box, patterns, instructions, teaching tapes, transfer carriage, extra tension unit, Intarsia carriage, cone winder, hardly used, £400. Tel: 081–647 8583 (Croydon).

BROTHER 810 with ribber. 12 stitch semi automatic patterning – lace, waving, fairisle, tuck, £125. Tel: (0865) 54831 (Oxford).

BROTHER KH260 Chunky punchcard knitting machine, £275. Tel: 081–397 8445 (Chessington)

KNITMASTER 326 with ribber and table. The ribber is an ideal attachment for the knitting machine model 321, 322, 325, 323. Tel: (0860) 549963 or 081–427 0263 eves. (Harrow).

MOTOR complete with steel table and row countdown, can be seen working, £350 ono. Tel: (0622) 753384 (Maidstone)

BARGAIN Knitmaster 324 punchcard knitting machine, £85. Tel: (0703) 671196 (Southampton)

KNITMASTER HK160 18 stitch punchcard machine with instruction book, very good condition. Tel: After 6.30 or Sundays (0274) 582806 (Bradford).

SINGER KE2400 knitting maching hardly used, wool winder, lace attachment, punchcards, ribber attachment, pattern books, etc., £125 ono. Tel: (0354) 740129 (March) after 4pm.

PFAFF 6000E 4 color changer, stand, instruction books, pattern books, blank reader cards, £1000. Brother 891, ribber, Intarsia, 4ft light, table, £500. Tel: (0833) 21271 (Durham).

KNITMASTER 560 Electronic hardly used, radar tuition tape, wool winder, £385 ono. Tel: 061–789 5608 (Eccles).

KNITMASTER 360K, lace carriage, knit radar, punchcards, instruction books, excellent condition, £250 ono. Tel: 081–529 6552 (Chingford).

TOYOTA 901, ribber 501, tilt-table, knit-tracer, lace and Intarsia carriages, pile knitter, linker plaiting unit, transfer carriage, £500, will separate. Singer KE2600 ribber knitcopy lace carriage, £200 ono. Tel: (0202) 519118 (Bournemouth).

BROTHER KH890 punchcard machine, lace carriage, plus extras, £350 ono v.g.c. Tel: (0444) 245438 (Burgess Hill).

BROTHER 881 Lace carriage, built-in knitleader, KR850 ribber, table, woolwinder, extra punchcards, patterns, £350. Knitmaster Electric Linker hardly used, £200. Tel: 081–551 2742 (Redbridge).

KNITMASTER model 560 built in radar, lace carriage, YC5 colour changer, instruction books, SRP 20 ribber, recently serviced. Tel: (0969) 663 577 (Leyburn, N. Yorks).

KNITMASTER professional 155 Chunky punchcard with ribber, knitradar, many extras, very good condition, used twice. Space needed, £450. Tel: (0344) 425835 (Bracknell).

FOR SALE

KNITMASTER 323 with ribber, Intarsia, accessories vgc, £175 ono. Knitmaster 302/305 ribber vgc, £35 ono. Tel: (04022) 25560 (Upminster).

BROTHER KH710 with ribber, lace carriage and books, £150. Bond knitting machine with books £40. Tel: (0634) 865939 (Rochester).

TOYOTA 858 with lace carriage, punchcards, patterns and accessories vgc, £125. Tel: (0703) 893716 (Southampton).

ORION D.B. with accessories and instruction book, needs cleaning. Is it of any use to anyone? Tel: (0268) 733922 (Wickford).

KNITMASTER 150 Chunky knitting machine with ribber and built in Intarsia facility, £300 ono. Tel: (0765) 60776 (Ripon).

BROTHER 881 plus ribber, lace carriage, built-in knitleader punch, £350. Tel: (0524) 37872 (Lancaster).

BRAND new Linker (Brother), cost £69.99. selling £25. New transfer carriage cost £61.50 selling £25. Video ribber part one, cost £14 selling £5. Tel: (0295) 255967 (Banbury).

TOYOTA KS777, P/cards, lace carriage, pattern books, need space, £80 ono. Tel: (0460) 76998 (Crewkerne).

BROTHER 910 Electronic £400 ono. Knitmaster transfer carriage £40. Form computer £90. Tel: (0460) 77007 (Crewkerne).

BROTHER 881, ribber 830, Intarsia + lace, transfer carriages, punch and cards. Winders, tables, wool A to Z and books, also Knitmaster 360 vgc, £350. No offers. Tel: (0889) 565610 (Uttoxeter).

BROTHER KH891 knitleader, lace carriage, Intarsia carriage, punch, punchcards etc. Immaculate in original box £275. Tel: (0785) 664840 (Stafford).

KNITMASTER 120 Chunky and ribber, plus Intarsia carriage as new, £125. Tel: (0484) 685022 (Holmfirth)

BROTHER KH260 Chunky knitting machine and ribber, table and books, brand new, still boxed, £525 ono. Tel: (0670) 367304 (Blyth).

BROTHER KH230 Chunky, £150. KR230 ribber, £140. Table, £8 or all for £289. Tel: (0474) 832 389 (Gravesend, Kent).

PASSAP Duomatic with Deco four colour U70, tuition tapes and books, bargain, good order, £325 ono. Tel: (0206) 845479 (Colchester).

BROTHER G501 Electronic KRC900, D/B colour changer, patts., garter bar, due to illness, £550. Tel: (0226) 765053 (Sheffield area) evenings.

BOND Elite knitting machine and ribber, video and pattern books, also table, £175. Excellent condition. Tel: 041–959 5373 (Glasgow).

KNITMASTER SRP-60N ribber, brand new still boxed, £195, also RJ1 ribber carriage, unused and still boxed, £45. Tel: (0243) 821889 (Bognor Regis).

BROTHER 881 built-in knitleader, lace carriage, table, manual, wool winder, punch, punchcards. Excellent condition, £190 the lot. Tel: (0455) 631585 (Hinckley, Leics).

BROTHER KH710, table, wool winder and instruction book, £75. Tel: (0253) 882963 (Blackpool).

FOR SALE

TOYOTA 858 lace carriage, instruction books, good condition, £100 ono. Tel: 081–560 7043 (Brentford).

BROTHER KH881 includes knitleader, lace etc., £200. KR830 ribber, £175. Also Hague linker – hand – as new, £85. Tel: 081–529 2432 (London).

BROTHER 910 Electronic, immaculate condition, complete with lace carriage, mylar sheets, tools, also cast off linker KA8310, some tuition if required, £285 ono. Tel: (0253) 44929 (Blackpool).

SINGER Memo – matic knitting machine, lace carriage missing hence, £50. After 5pm. Tel: 091–2515699 (Whitley Bay).

PASSAP Duomatic Pink with stand and accessories, little used, excellent condition, instruction book, patterns, etc., £200. Tel: (0225) 810253 or (0225) 313288 (Bath).

KNITMASTER 700KR, S.R.P.60 ribber, lace carriage, colour changer, linker, transfer carriage, weaving arm, deknit, extra tension arm and every accessory immaculate, gone electronic, £550 ono. Tel: (0446) 741851 (Barry, S. Glamorgan).

BROTHER 950i Electronic knitting machine, 18 months old, complete with ribber, table, linker, little used and in excellent condition, £880. Tel: (0789) 268715 (Stratford upon Avon).

HORNBLOWER knitting machine cabinet as new, £130 ono. Tel: (0270) 67422 (Crewe).

BROTHER Electronic 910 MKII, plus lace carriage and ribber cleaned and serviced October '91, excellent condition, £550. Reason selling buying 950i. Tel: (0708) 740983 (Romford).

PASSAP Duo Pink, with motor, £250 ono or swap for Punchcard machine. Tel: (0782) 563741 (Staffordshire).

DOUBLE-BED Singer Electronic 2331, Singer garter carriage, as new, £350 ono, or swop for Brother standard gauge punchcard. Tel: (0789) 299764 (Stratford-on-Avon).

PASSAP E6000 Electra motor 3000A countdown, 4 colour changer, stand, retractable wheels, video, duet mags, manual. Elderly owner progressive illness can no longer use. Bargain, £1300 cash, buyer collects. Tel: (0732) 823319 (North Kent).

BROTHER KH836 machine with punchcards, hole puncher, intarsia carriage, also strong table that holds two tables, excellent condition. Quick sale, £130 ono. Tel: (0635) 248894 (Newbury).

KNITMASTER 326 punchcard machine complete with manuals, punchcards and tools plus intarsia carriage, good condition, £100 ono. Tel: (0703) 473248 (Southampton).

BROTHER 836 punchcard knitting machine, vgc, £150. Pfaff Tricofit casting off device, brand new never used, £70. Tel: (0734) 423224 (Reading).

BROTHER KH710 knitting machine with lace carriage and instruction books, vgc, £120 ono. Tel: (0223) 836171 (Cambridge).

PASSAP Forma new, £95. Knitmaster transfer carriage, £30. SR3 auto linker, £50. Y6 colour changer new, £95. Wool winder, £5. Passap punch, £10. Knitmaster punch, £8. Tel: (0760) 721963 (Swaffham).

KNITMASTER Zippy Deluxe, SRP50 ribber, woolwinder and horn cabinet with bench, all as new, £550, will split. Tel: (0932) 786600 (Sunbury on Thames).

★ FREE ADVERTISING ★

Sell you unwanted machine knitting equipment to other enthusiasts – FREE – only in *Modern Machine Knitting!*

This very popular feature in our magazine attracts hundreds of applications – so please consider your fellow readers and send us only one advertisement per person each month. Please note that we shall only include advertisements sent in on our original order form cut from the magazine. This month the form is on page 61.

FOR SALE

BROTHER 830 fairisle, lace carriage, £110. Intarsia carriage, £12. Linker KA8310, £30. Ribber KR850, £120. Knitleader KL116, £40, plus extras £300. Tel: (0706) 220233 (Rawtenstall).

BROTHER 881 with built-in knitleader, lace carriage, ribber, colour changer, intarsia carriage, accessories, books, hole punch, all excellent condition. Lack of time forces sale. Tel: (0785) 818503 (Stone, Staffs).

CALCUKNIT £35. Singer garter carriage with instruction book and programme cards, £55. Opus discovery disk drive for Spectrum, £95. Tel: (0703) 701276 (Southampton).

950 ELECTROKNIT £400, Ribber £100, T/T table £20, D/B changer £35, S/B changer £30, T/carriage £30, Linker £35, K/Leader £45, G/Bar £10, complete £675. Power knit countdown, yarn brake, cabinet, £350. Swap for Passap motor c/down y/brake. Tel: (0495) 291915 (Gwent).

LINKING machine Electronic Knitmaster DL100, as new, £225 ono. Tel: (0334) 88332 (St. Andrews).

KNITTING machine table, £8. Terry Mason computer pattern tapes, classic styles and fashion tops, £5 each, for Spectrum computers 48K and 128+2. Tel: (0422) 247068 (Halifax).

KNITMASTER 560 Electronic plus lace carriage, built in radar, excellent condition plus brand new transformer, £350. Tel: (0302) 782146 (Doncaster).

BROTHER KH881 as new, built-in knitleader, lace carriage, manuals, punchcards, £185. Singer treadle machine, 1926, beautiful order, £50 ono. Tel: (0258) 820643 (Sturminster Newton).

SWAP

BROTHER 881 as new with accessories, table, books and some yarn, for Chunky machine, or will sell for £250. Tel: (0422) 834635 (Halifax).

HAGUE electric linker for over-locker with differential feed cash adjustment possible. Tel: (0873) 87660 (Hereford)

BROTHER 260 + Passap Duo 80 Deco form computer for Brother 270 Chunky electronic or sell Passap for £350. Tel: (0532) 824232 (Leeds).

WANTED

MACHINE Knitting World No. 26, or photo copy. Missing from set. Tel: (0787) 71134 (Sudbury, Suffolk).

BROTHER 260 Chunky and ribber, plus accessories also power knit for same. Tel: (0692) 651045 (N. Norfolk).

KNITMASTER SRP50 or SRP60 ribber in good condition. Tel: (0865) 584445 (Oxford).

BOOK Machine knitting techniques by Susannah Lewis. Tel: 041–427 0820 (Glasgow).

FOR PENSIONER Brother Chunky. (Punchcard model *not important*). Older model will do. Free if possible or *very* cheap. Tel: (0253) 737029 (Lytham)

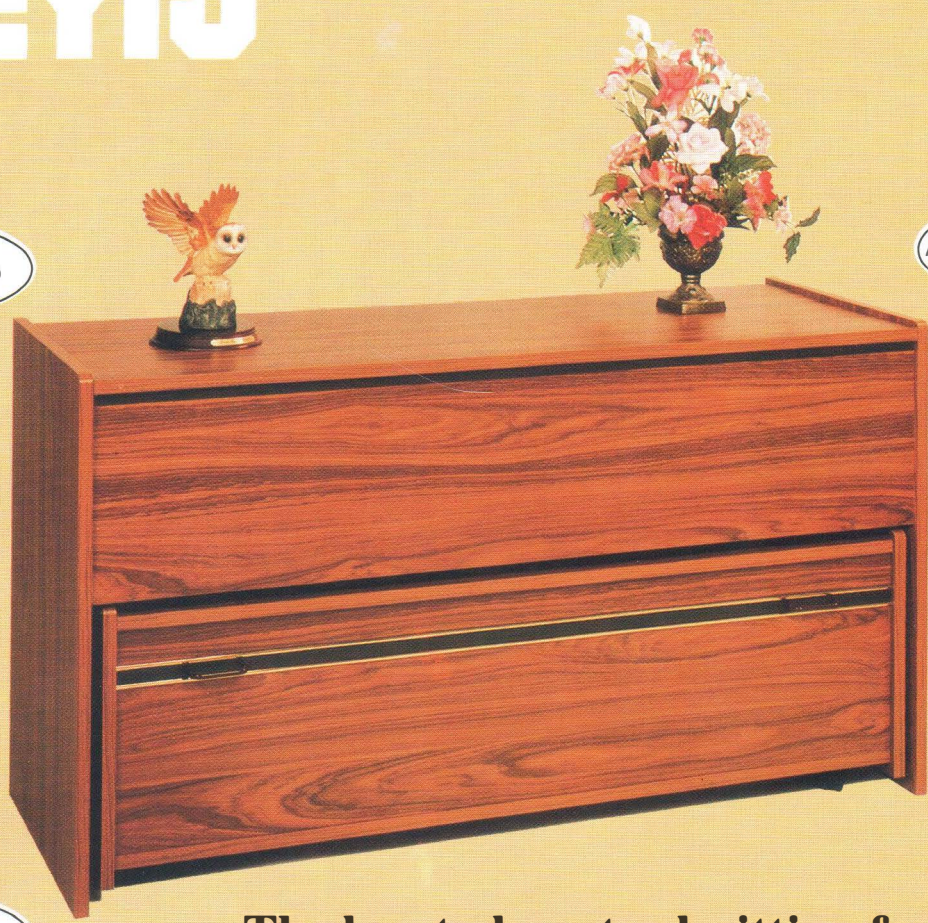
SINGER big nine or similar Chunky machine. Must be within easy distance of Chippenham, Wilts. Tel: (0249) 658988 (Chippenham).

HAGUE linker, ribber for Chunky KH 260 knitleader, punch cards (12 stitch) for KH 800. Tel: 021–747 3927 (Birmingham).

JAC 40. Knitmaster 120 Intarsia carriage. Susannah Lewis's 'Machine Knitters Guide to Creating Fabrics,' Brother transfer carriage. Tel: (0273) 722336 (Brighton).

INTARSIA carriage for 9501. Tel: (0460) 77007 (Crewkerne).

KEYTO



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Keyto Cabinet: RRP £195.00 plus £10.00 carriage. Cash Offer price £132.95 plus £10.00 carriage. Pay by Cheque or Credit Card. – H.P. Terms on request. Just – Telephone (0204) 491515 (5 lines). Credit Brokerage No. 181346.

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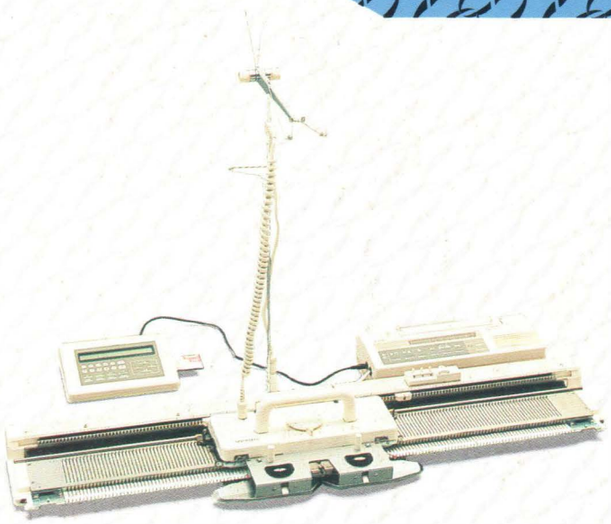
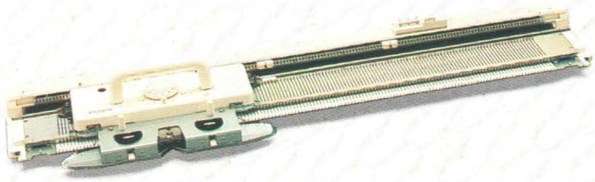
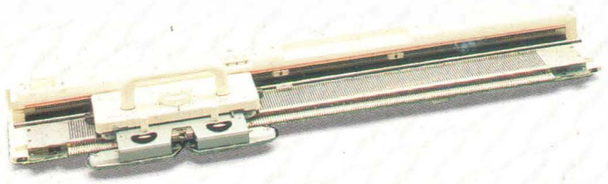


SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair



SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply

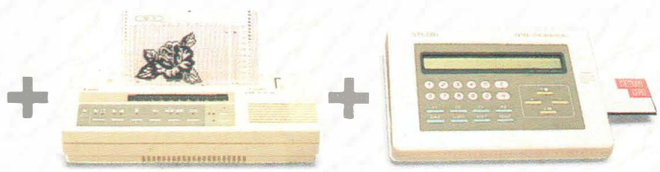
AVAILABLE OCTOBER 1991

SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

The Silver EC1 Pattern Controller gives you great flexibility.

Just one is needed for all four beds. Use any of the 50 pre-printed designs - or draw your own on easy-to-use pattern cards. Cards and books from previous models are also compatible. Additionally, you can vary your patterns at the touch of a button: from doubling the height to changing single bed patterns into Double Jacquard designs and more.
And the second Stitch Width Indicator lets you select any part of a pattern to create extra designs - with no programming required.

Silver EC1 *Pattern Controller*



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